This is a digital copy of a book that was preserved for generations on library shelves before it was carefully scanned by Google as part of a project to make the world's books discoverable online.

It has survived long enough for the copyright to expire and the book to enter the public domain. A public domain book is one that was never subject to copyright or whose legal copyright term has expired. Whether a book is in the public domain may vary country to country. Public domain books are our gateways to the past, representing a wealth of history, culture and knowledge that's often difficult to discover.

Marks, notations and other marginalia present in the original volume will appear in this file - a reminder of this book's long journey from the publisher to a library and finally to you.

Usage guidelines

Google is proud to partner with libraries to digitize public domain materials and make them widely accessible. Public domain books belong to the public and we are merely their custodians. Nevertheless, this work is expensive, so in order to keep providing this resource, we have taken steps to prevent abuse by commercial parties, including placing technical restrictions on automated querying.

We also ask that you:

+ *Make non-commercial use of the files* We designed Google Book Search for use by individuals, and we request that you use these files for personal, non-commercial purposes.

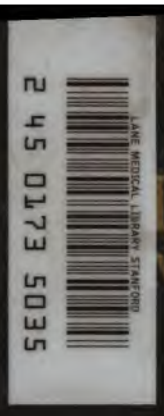
+ *Refrain from automated querying* Do not send automated queries of any sort to Google's system: If you are conducting research on machine translation, optical character recognition or other areas where access to a large amount of text is helpful, please contact us. We encourage the use of public domain materials for these purposes and may be able to help.

+ *Maintain attribution* The Google "watermark" you see on each file is essential for informing people about this project and helping them find additional materials through Google Book Search. Please do not remove it.

+ *Keep it legal* Whatever your use, remember that you are responsible for ensuring that what you are doing is legal. Do not assume that just because we believe a book is in the public domain for users in the United States, that the work is also in the public domain for users in other countries. Whether a book is still in copyright varies from country to country, and we can't offer guidance on whether any specific use of any specific book is allowed. Please do not assume that a book's appearance in Google Book Search means it can be used in any manner anywhere in the world. Copyright infringement liability can be quite severe.

About Google Book Search

Google's mission is to organize the world's information and to make it universally accessible and useful. Google Book Search helps readers discover the world's books while helping authors and publishers reach new audiences. You can search through the full text of this book on the web at `http://books.google.com/`



DESK INDEX
MEDICAL AND SURGICAL THERAPY

LANE

MEDICAL LIBRARY

GIFT
Dr. F.H. Redewill

AMERICAN BANK NOTE CO LITHO

Reed37, Sir A.

MEDICAL AND SURGICAL THERAPY

DESK INDEX

NEW YORK AND LONDON
D. APPLETON AND COMPANY
1919

LANE LIBRARY

COPYRIGHT, 1919, BY
D. APPLETON AND COMPANY

PRINTED IN THE UNITED STATES OF AMERICA

K31
1919
Index

INDEX

Aaser, anti-cholera vaccine, i. 452.
Abadie, i. 608.
Abadie on laparotomy, iii. 317.
Abdomen, tetanus localised in, late-appearing, Henri Bouquet, i. 772.
Abdominal cavity, projectiles in, v. 346.
Abdominal muscular contracture in prognosis of local tetanus, i. 842.
pain and tenderness in typhoid fever, i. 30.
pains of dysentery, i. 295, 305.
Abdominal reflex in wounds of brain, iii. 573.
Abdominal reflexes, ii. 13.
Abdominal wounds, anatomical lesions of, iii. 337.
in associated abdomino-thoracic wounds, iii. 377.
types of, iii. 378.
in multivisceral wounds, iii. 372.
dissemination of lesions in, iii. 374.
fractures of pelvic girdle in, iii. 377.
mortality in, iii. 372–373.
in penetrating wounds not injuring viscera, iii. 338.
cases of, iii. 338.
course of, iii. 341.
hernia in, iii. 344.
visceral contusions in, iii. 344.
in wounds healing spontaneously, iii. 345.
abstention of benefit in, iii. 354.
in bladder, iii. 353.
in kidney, iii. 352.
in large intestine, iii. 348.
in ascending and descending colon, iii. 348.
in sigmoid flexure, iii. 350.
Abdominal wounds, in wounds healing spontaneously, in large intestine, in transverse colon, iii. 350.
in liver, iii. 351.
in rectum, iii. 353.
in small intestine, iii. 345.
favorable conditions for, iii. 345–347.
permanency of, ii. 348.
unfavorable conditions for, iii. 347.
in spleen, iii. 352.
in stomach, iii. 351.
summary of, iii. 355.
in wounds which cannot heal spontaneously, iii. 355.
escape of intestinal contents in, iii. 371.
hæmorrhage in, iii. 368.
infection of retro-peritoneal tissue, iii. 372.
lesions of, complications of, iii. 368.
visceral hernia in, iii. 371.
in ascending and descending colon, iii. 364.
in bladder, iii. 366.
in kidney, iii. 365.
in liver, iii. 364.
in rectum, iii. 366.
in small intestine, iii. 358.
"bursting" in, lesions caused by, iii. 362.
complete section in, iii. 358.
detachment of mesentery in, iii. 358.
incomplete section in, iii. 358.
perforations in, iii. 358.
in spleen, iii. 365.
in stomach, iii 363.
in transverse colon, iii. 363.
projectiles a factor in, iii. 355.
large, iii. 355.

70279

Abdominal wounds, in wounds which cannot heal spontaneously, projectiles a factor in, small, iii. 357.
résumé of, iii. 381.
colostomy in, iii. 539.
comparative frequency of, by various projectiles, iii. 336–337.
diagnosis of lesions in, iii. 441.
clinical, iii. 446.
penetrating wound in, iii. 446.
abdominal syndrome in, iii. 445.
course of projectile in, iii. 447.
visceral injuries in, iii. 455.
in buttocks, iii. 463.
in flanks and outer parts of iliac fossæ, iii. 459.
in hypogastric region, iii. 458.
in lumbar region, iii. 463.
in umbilical region, iii. 456.
in upper abdomen, iii. 460.
thoracico - abdominal wounds in, iii. 461.
visceral hernia in, iii. 455.
examination in, iii. 445.
radioscopy in, iii. 470.
methods of localisation of projectiles by, iii. 473.
résumé in, iii. 476.
therapeutic indications in, iii. 463.
as regards patient, iii. 465.
cases for Murphy's operation, iii. 466.
hæmorrhage in, iii. 467.
hopeless cases in, iii. 466.
old wounds in, iii. 466.
shock in, iii. 467.
as regards projectiles, iii. 469.
as regards wounds, iii. 464.
cases where operation is imperative, iii. 464.
cases which should not be operated, iii. 464.
doubtful cases, iii. 465.
drainage of localised peritoneal abscesses in, iii. 540.
iliostomy in, iii. 539.
influence of nature of projectile or weapon on form and gravity of, iii. 331.
of bayonet, iii. 331.
of grenades, bombs and other trench weapons, iii. 336.
of little arrows of air-men, iii. 336.
Abdominal wounds, influence of nature of projectile or weapon on form and gravity of, of revolver bullet, iii. 335.
of ricochet, iii. 334.
of rifle bullet, iii. 332.
of sabre, iii. 331.
of shell fragments, iii. 335.
of shrapnel bullets, iii. 334.
of side arms, iii. 331.
of trench knife, iii. 332.
intra-peritoneal hæmorrhage in, spontaneous arrest in, iii. 62–63.
laparotomy in, iii. 478.
anæsthesia in, iii. 484.
general, iii. 485.
chloroform, iii. 486.
ether, iii. 485.
spinal, iii. 484.
arguments for, iii. 391.
cleansing and draining of peritoneum in, iii. 523.
closure of abdomen in, iii. 525.
conditions in, iii. 279.
deferred operations following, iii. 541.
closing of artificial anus, iii. 542.
delayed removal of projectiles, iii. 541.
for protrusion of intestines iii. 541.
distance and transportation to operation in, iii. 421.
evacuation trench for, iii. 427.
stretcher for, iii. 428.
to autochir, iii. 424.
to surgical centres, iii. 422.
equipment for, iii. 414.
advanced surgical posts in, iii. 419.
automobile surgical ambulance in, iii. 418.
ordinary ambulance in, iii. 414.
radioscopic installation in, iii. 421.
special operating room for, iii. 415–418.
evacuation in, iii. 529.
examination of abdominal viscera in, iii. 521.
history of, iii. 269.
in former wars, iii. 276.
abstention from, iii. 290.
causes of failure of, iii. 292.
delay of intervention in, iii. 292.

Abdominal wounds, laparotomy in, in former wars, causes of failure in, material conditions in, iii. 263.
conclusions on, iii. 296.
in Balkan wars, iii. 286.
in Boer war, iii. 280.
indications for primary laparotomy in, iii. 281.
in Chino-Japanese war, iii. 278.
in Civil War, iii. 277.
in Morocco campaign, iii. 285.
in Russo-Japanese war, iii. 282.
gravity of, according to localisation, iii. 285.
medicinal treatment compared with, iii. 283.
statistics of, iii. 284.
in Spanish-American war, iii. 278.
in Tirah campaign, iii. 279.
in Tonkin campaign, iii. 278.
requirements of surgeons in, iii. 295.
ambulance trains, iii. 295.
field hospitals, iii. 295.
specialisation of sanitary units, iii. 295.
spontaneous repair of visceral lesions in, iii. 290.
in time of peace, iii. 274.
operating surroundings in, iii. 275.
patient in, iii. 274.
surgeon in, iii. 274.
wounds in, iii. 274.
instruments and materials for, iii. 478.
operation in, iii. 487.
detection of principal focus of lesions in, iii. 492.
incision in, iii. 491.
preliminary exploration of opening in, iii 487.
preliminary treatment of visceral hernias in, iii. 489.
over-crowding in, iii. 429.
automatic transportation and, iii. 432.
safe mode of evacuation and, iii. 431.
special units for abdominal operations and, iii. 432.
surgical train and, iii. 438.
post-operative care of patient in, immediate, iii. 526.
subsequent, iii. 528.
Abdominal wounds, laparotomy in, post-operative treatment of wound in, iii. 527.
dressings in, iii. 527.
pre-operative precautions in, iii. 484.
removal of projectiles in, iii. 522.
results of, iii. 394, 395, 396–397, 402–411.
résumé of, iii. 439.
surgical staff in, iii. 413.
treatment of accompanying wounds in, iii. 526.
treatment of lesions in, iii. 493.
bladder, iii. 516
operation in, iii. 518.
after-effects of, iii. 518.
radiography in, iii. 519.
in kidney, iii. 515.
in large intestine, iii. 499.
artificial anus in, iii. 502.
end-to-end anastomosis in, iii. 501.
lateral detachment of mesentery in, iii. 501.
splenic angle in, iii. 500.
sub-hepatic angle in, iii. 499.
suturing of, iii. 501, 502.
in liver, iii. 504.
in mesentery, iii. 519.
in omentum, iii. 519.
in posterior peritoneum, iii. 519.
in rectum, iii. 519.
in small intestine, iii. 493.
artificial anus in, iii. 497.
operation in, iii. 495.
after-effects of, iii. 496.
resection in, iii. 494.
methods of, iii. 498.
in spleen, iii. 512.
plugging of, iii. 514.
splenectomy in, iii. 514.
thoracico-abdominal wound in, iii. 513.
in stomach, iii. 505.
by detachment of intercolic omentum, iii. 511.
in posterior surface, iii. 507.
in upper part, iii. 506.
through great omentum, iii. 510.
through transverse mesocolon, iii. 508.
in thoracico-abdominal wounds, iii. 519.

Abdominal wounds, medicinal or abstention treatment of, iii. 532.
absolute immobility in, iii. 532.
arguments for, iii. 391.
camphorated oil in, iii. 536.
evacuation in, iii. 537.
Fowler's position in, iii. 533.
morphia in, iii. 536.
nothing by mouth in, iii. 532.
Priessnitz's compress in, iii. 536.
rectal injection, "drop by drop" in, iii. 534.
results of, iii. 392–393, 395, 398–401–536.
multiple drainage in, iii. 539.
Murphy's supra-pubic drainage in, iii. 384, 538.
efficaciousness of, iii. 385.
iliac anus in, iii. 389.
injuriousness of, iii. 386.
results of, iii. 387.
situation of wounds in, iii. 389.
triple drainage in, iii. 390.
uncertainty of drainage in, iii. 386.
penetrating, laparotomy for. *See* Abdominal wounds, laparotomy for.
surgical intervention in, imperative, iii. 274.
treatment in present war, iii. 298.
evolution of, summary of, iii. 328.
in first period, abstention results in, iii. 304.
Delorme's administrative circular on, iii. 301.
laparotomy rejected, iii. 301.
Murphy's incision, and drainage recommended for large perforations, iii. 302.
operative abstention advised for small perforations, iii. 301.
laparotomy disastrous, iii. 298, 299, 300.
laparotomy results in, iii. 303.
in second period, laparotomy successful, iii. 298, 299–300, 306–321.
in third period, medicinal or abstention treatment successful, iii. 299, 300, 321–328.
nature of projectiles and, iii. 329.
operative surroundings and, iii. 328.
Abdomino-thoracic form of local tetanus, i. 811.
case, P. L. Marie, i. 811.
development of, i. 815.
mode of entrance in, i. 814.
pathogenesis of, i. 815.
summary of, i. 918.
Abdomino - thoracic wounds, associated, anatomical lesions in, iii. 377.
types of, iii. 378.
Abduction as a mode of measurement, vi. 224.
Abduction of thigh muscles, involved, ii. 200.
Abductor brevis pollicis, tests of functional activity, iii. 281.
hallucis, iii. 163.
longus pollicis, iii. 33, 52.
minimi digiti, iii. 92, 164.
pollicis manus, iii. 54.
Abnormal mobility, determination of, in fractures of mandible, iv. 633 *et seq.*
Abortive typhoid fever, i. 10.
Aboulia, a mental factor in "congealed hand," ii. 380.
Abscess, gangrenous, in infections of lungs, vi. 844.
phlegmonous, in infections of lungs, vi. 845.
traumatic pulmonary, evolution of, vi. 848.
prognosis of, vi. 848.
Abscess, hepatic, i. 68.
in amœbic dysentery, i. 361 365–366.
Abscess of brain in head injuries, iii. 745.
clinical forms of, iii. 749.
differential diagnosis of, iii. 750.
from functional symptoms, iii. 751.
from meningitis, iii. 750.
from traumatic apoplexy, iii. 750.
etiology of, iii. 745.
symptomatology of, iii. 746.
in acute superficial abscess, iii. 746.
in deep chronic abscess, iii. 747.
complete hemiopia, iii. 749.
general symptoms, iii. 747.
local signs, iii. 747.
papillary stasis, iii. 748.
psychic disorders, iii. 748.
Abscess, sub-dural, under frontal lobe, iv. 965–966, 968.

Abscesses, i. 147.
multiple, i. 40.
peritoneal, drainage of, iii. 540.
subcutaneous, i. 79.
Abscesses, associated with projectiles, v. 353.
in bone, reopening of, v. 705.
Absence of pain, not diagnostic, ii. 289.
"Accoucheur's hand," ii. 362, 365.
persists in sleep, ii. 732.
Trousseau's description of, ii. 527.
"Acro-contractures," ii. 506, 509.
neuropathic, prognosis of, ii. 734.
Absinthe, effects of suppression of in epilepsy, vi. 588.
Absorbent wool, i. 654.
Absorption, disorders of, in cholera, i. 386–387.
Absorption of rays, dangers of, in extraction of projectiles with aid of intermittent control of screen, v. 318.
Abstention treatment of abdominal wounds, iii. 299, 300, 301, 321–328, 392–393, 395, 398–401, 532.
absolute immobility in, iii. 532.
arguments for, iii. 391.
camphorated oil in, iii. 536.
evacuation in, iii. 537.
Fowler's position in, iii. 533.
in former wars, iii. 290.
in wounds healing spontaneously, iii. 354.
morphia in, iii. 536.
nothing by mouth in, iii. 532.
Priessnitz compress in, iii. 536.
rectal injection, "drop by drop" in, 534.
results of, iii. 536.
Academy of Medicine, i. 535, 698, 700.
Accidental Insurance Company, i. 520.
Accidents, in intravenous injection, i. 661.
operative, i. 150.
Accumulators, battery of, vi. 4.
Acetozone, iv. 93–94.
Achilles reflex in wounds of brain, iii. 570.
Acid nitrate of mercury in syphilis, i. 143, 644–645.
Acne, syphilitic, i. 578.
Acneiform syphilide, i. 578, 645.
Acromyotonus, ii. 361, 366, 561.
Acro-paralyses and acro-contractures, ii. 730.
Active movements, in after treatment, iv. 157 *et seq.*
Active syphilitic treatment, i. 675.
Acuity, visual, iv. 1014–1015.
Acute cirrhosis, i. 635.
encephalitis, i. 635.
meningo-myelitis, i. 586.
polio-encephalitis, i. 63.
Adduction, as mode of measurement, vi. 224.
Adductor magnus muscle, ii. 154.
muscles, ii. 154, 199, 200.
obliquus hallucis, ii. 163.
pollicis muscle, ii. 93.
localisation of fibres for, ii. 254.
paralysis of, ii. 97.
Adductor of foot reflex in wounds of brain, iii. 572.
Adenitis, i. 557.
Adenopathy, i. 544.
of chancre of lip, i. 570.
satellite. i. 544.
Adhesions, dense pleuro-parietal, as a result of pleuro-pulmonary wounds, vi. 874.
early pleural, in pleuro-pulmonary wounds, vi. 779.
Adiadococinesia, iii. 715.
Adipose grafts, iv. 932, 94 ,958, 997–1003.
Administration, endermic in syphilis, i. 600.
of mercury, intramuscular, i. 600.
objections to, i. 602.
intravenous, i. 609.
Adrenaline, use of, in antitetanic sero-therapy, i. 864.
with quinine, in treatment of malaria, i. 1053.
Adrenalized Serum, use of, in shell shock, ii. 868.
Advice as to hygiene in syphilis, i. 666.
to hospital patients, i. 678.
Adynamic typhus, i. 466.
Aerial torpedo, commotion produced by. ii. 451.
Ætiology of fractures of the orbit, iv. 802–806.
Affections in syphilis of auditory nerve, i. 633.
nervous, i. 585.
sensory and arsenobenzol, i. 586.
statistics of cutaneous and venereal, i. 505–506.
treatment and tertiary, i. 643.
visceral, i. 585.

Affections of visual apparatus, law governing, in injuries of orbit, iv. 813 *et seq.*
Affective states, ii. 430.
Affusions in typhoid, i. 133, 135.
After effect of novarsenobenzo, injections, i. 628, 629, 630.
After treatment in psychoneuroses, ii. 882.
Age, in typhoid fever, a predisposing factor, i. 170.
and vaccination, i. 275.
average, i. 170.
in prophylaxis, i. 225.
mortality in Paris, i. 171.
Aged, typhoid fever in, i. 16.
Agents, antiseptic, in syphilis, i. 593.
Agglutination test, in typhoid, i. 49, 116, 118.
Ague, administration of quinine in, i. 1050.
as a cause of mental confusion, vi. 553.
in secondary paludism in malaria, i. 1006.
temperature in, i. 1007.
Air passages, clearing of, in dyspnœa, iv. 630.
Air regulator, v. 17.
Aisne Valley, tetanus in, i. 829.
Albucasis on orbital lesions, iv. 778.
Albuminuria in malaria, i. 988.
in syphilis, i. 524, 588, 649.
arsenobenzol and, i. 635.
cyanide of mercury, i. 664.
in typhoid, vaccination and, i. 275.
Alcohol, acute mental disorders, vi. 555.
as a factor in mania, vi. 543.
as factor in perpetration of crimes, vi. 622.
in antitoxic treatment of tetanus, i. 883.
in connection with mental confusions, vi. 477.
in connection with mental disorders of Army, vi. 464.
influence of, in hemorrhagic pachymeningitis, vi. 587.
injections of, ii. 80, 382, 383.
obsession caused by, as medico-legal problem, vi. 640.
Alcohol as a tonic in typhoid, i. 143.
compresses, i. 139.
drinking of, in syphilis, i. 667.
Alcoholic patients, severity of typhoid fever in, i. 18.
Alcoholic psychosis, vi. 555.
Alcoholism and cholera, i. 413.
Alcoholism, as affecting nerve suture, ii. 317.
in neuroses, ii. 866.
underlying cause in psychoneuroses, ii. 828, 833.
Alcoholism, chronic, in connection with military crimes, vi. 616.
Alcoholization of nerve in congealed hand, ii. 383.
of nerve-trunk, Sivard's, ii. 320.
Alexia, iii. 668, 674.
in lesions of occipital lobe, iii. 688, 703.
Algias, course and prognosis of, ii. 792.
differential diagnosis, ii. 792 *et seq.*
Lumbalgias (pseudo-Lumbago), ii. 789.
of lower extremities, ii. 778.
of neck and head, ii. 790.
of pseudo-arthritic type, ii. 785, 787.
of pseudo-coxalgic type, ii. 784.
of pseudo-cruritic type, ii. 72.
of pseudo-neuritic form, ii. 785, 787.
of pseudo-sciatic type, 781.
of thorax and abdomen, 790.
of trunk, ii. 788.
of upper extremities, ii. 787.
prognosis, ii. 792.
Visceral, ii. 791.
Algid form of pernicious attacks in second phase of primary paludism in malaria, i. 1001.
Allaire radioscopic marker, v. 190.
Alopecia, following lesion of trigeminal, ii. 220.
Alopecia, syphilitic, i. 521, 581, 582.
Alquier's appliance, iv. 420, 539.
Alterations in color of skin, noteworthy, ii. 14.
in taste, ii. 224.
in voice, ii. 225.
Alternating electro-magnets, v. 361.
Altona, Germany, cholera at, i. 433.
Aluminum cassettes, v. 40.
Aluminum filter in X-ray proceedings, v. 96.
Amaurosis, ii. 474.
complete, rare, ii. 810.
hysterical, ii. 475.
Amblyopia, ii. 424, 810.
Ambrine, application of, v. 778.
composition of, v. 777.
nature of, v. 777.
substitute for, formula for, v. 783.

Ambrine spray, v. 778.
Ambulance cases seen, figures, iv. 5.
Ambulatory paratyphoid, i. 11, 93, 180.
treatment in syphilis, i. 690.
American chuck, v. 502.
American method of repair of arterial aneurism, iii. 125.
American War of Secession, the, ii. 69.
Americans and stereoscopy, v. 235, 237.
Ammonium persulphate, destruction of tetanus toxin, by, i. 848.
Amnesia, ii. 837.
Amnesia, iv. 963.
Amnesia, and simulation, vi. 605.
causes of, vi. 472.
diagnosis of, vi. 472.
hysterical, hypnosis as a method of curing, vi. 655.
in termination of mental confusion, vi. 473.
of fixation, vi. 472.
symptoms of, vi. 472.
Amnesic confusions, medico-legal problems in, vi. 474.
Amnesie de fixation, vi. 465.
Amœba coli, i. 316.
dysentericae, i. 318.
encysted, i. 363.
of dysentery. (*See* Entamœba.)
Amœbic dysentery, i. 305–310.
chronic, i. 361.
complications of, i. 306–308.
differential diagnosis of, i. 314.
epidemiology of, i. 359–368.
contagion in, by carriers, i. 361–362.
immediate, i. 362.
indirect, i. 363.
by water, i. 364.
encysted amœba in, i. 363.
vitality of amœba in, i. 364.
geographical distribution in, i. 365.
of mixed infections, i. 366.
amœbo-facillary, i. 366.
with other parasitis, i. 367.
parasite in, i. 359.
animals carriers of, i. 360.
localities infected by, i. 356.
mode of entrance of, into body, i. 360.
persistence of, i. 361.
point of departure of, form body—excreta, i. 361.
in Europe, i. 362, 366.
Amœbic dysentery, prophylaxis of, i. 369. (*See also* Dysentery).
symptoms of, i. 305.
abdominal pain in, i. 305.
diarrhœa in, i. 305.
in chronic form, i. 306.
of complications of, i. 306.
abscess of liver in, i. 307.
peritonitis in, i. 307.
treatment of, i. 326–328.
Amœbic hepatitis, i. 366.
Amœboid body in malaria, i. 940.
of plasmodium malariæ, i. 1031.
of plasmodium vivax, i. 1027.
Ampérage, definition of, v. 8.
in production of X-rays, v. 9, 10.
Amphibolic stage in temperature of typhoid fever, i. 55.
Amputation, iv. 10.
Amputation and esquillectomy, choice between, iv. 340.
at knee, iv. 214–215.
indications for, iv. 13, 15, 17, 229.
of foot, iv. 244, 260.
of thigh, consequent on wounds of knee, iv. 240.
total of hand, iv. 173.
Amputation, as an alternative to joint resection, vi. 230.
in ankylosis of fingers, vi. 230.
indications for in ankylosis of fingers, vi. 232.
of lower limb, indications for, vi. 454.
of upper limb, indications for, vi. 454.
through ankylosed joint, vi. 231.
Amputation, circular method of, in case of thigh, v. 389.
as last resort, v. 389.
above condyles, v. 392.
through deltoid muscle, v. 523.
dilemmas in choice of, v. 389.
of extremity with gas gangrene, indications for, v. 767.
of foot, partial, of Chopart and Lisfranc, v. 461.
of fore part, v. 463.
through infected parts, v. 390.
length of stump in, v. 383, 600.
position of scar in, v. 382.
prosthetic apparatus for, parts composing, v. 381.
Amputation neuromata, causes of, v. 601.
effects of, v. 602.
Amputation neuromata, site of, v. 601.

Amputation stumps, bony changes in, v. 580.
chronic ulceration of, v. 634–635.
length of, v. 383, 600.
neuromata of, v. 601–602.
obliteration of cavities in, v. 597–598.
re-amputations of, v. 596–597.
requiring further treatment, v. 582.
infection, moderate, v. 582.
severe, v. 584.
necrosis and caries, v. 586.
operations necessary to bring about final healing in preparation for artificial limb, v. 595.
osteosclerosis, v. 587.
radiographic appearance of, v. 589.
sub-periosteal bone, excessive, v. 588.
suppurating, v. 594.
ulcerations, v. 585.
satisfactory, v. 599.
shortness of soft parts in, v. 599–601.
Amputations in treatment of tetanus, i. 846.
Amputations, inter-phalangeal, preparation of end of stump in, vi. 231.
Amyotrophic paralysis, ii. 449.
of the quadriceps, ii. 518.
Amyotrophy, ii. 59, 109, 169, 558.
dependent on hysterical motor disorder, slight, ii. 645.
of reflex origin, ii. 499.
persistence of troubles, in spite of exercises, ii. 583.
Vulpian's therapy, ii. 567.
Anæmia, acute, general signs of, iii. 60.
Anæmia in defaced paludism, i. 1003.
in second attacks of primary invasions in malaria, i. 969.
hæmorrhagic form of, i. 971.
splenomeglaic form of, i. 971.
typical form of, i. 969.
with hydræmia, i. 970.
early appearance, i. 7, 972.
quinine in, i. 972.
with icterus, i. 972.
blood examination in, i. 973.
in secondary paludism in malaria, i. 1011.
progressive pernicious, i. 971.
in extensive wounds of blood vessels:
Anæmia in extreme wounds of blood vessels: treatment of, iii. 46.
injection of physiological serum in, iii. 47.
Haysen's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
methods of intravenous injection of, iii. 48.
results of, iii. 50.
minor measures in, iii. 46.
transfusion of blood in, iii. 50.
transfusion of blood in, direct, by means of Elsberg's canula, iii. 51.
canula in, iii. 53.
incision in, iii. 52.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54
canula in, iii. 55.
insertion of canula in, iii. 53
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 53.
traumatic, in extensive wounds of blood vessels, iii. 26.
anatomical findings in, iii. 26.
gravity of, iii. 27.
symptoms of, iii. 26.
Anærobes, living, introduction of (Donaldson's method), iv. 100.
Anærobiosis, i. 848.
Anæsthesia, v. 356; iv. 343.
cutaneous, with fracture of mandible, iv. 638–639.
in fractures of jaw, iv. 740–741.
Anæsthesia, ii. 795 *et seq.*
analgesia and hyperaesthesia, ii. 795.
Differential diagnosis of, ii. 798.
Anæsthesia for skull operations, iii. 782. *See also under* Skull.
Anæsthesia in infection of pleura, vi. 852.
Anæsthetic, choice of, in fractures of mandible, iv. 741.
examination under an, ii. 466.
Anal nerve, ii. 196.
reflex, the, ii. 13.
Analgesia, ii. 795 *et seq.*
Anaphylactic shock in administration of antitetanic serum, i. 767.
Anarthia, iii. 665, 666, 667.
Anastomosis, ii. 52.

Anastamoses, nervous, vi. 151.
Anatomical features:
of fracture of neck of humerus, iv. 385.
sub-deltoid fracture, iv. 400.
shaft of humerus, iv. 406.
supra-condylar fracture, iv. 433.
of fractures of forearm, above elbow joint, iv. 441.
shaft, iv. 446.
of fractures just above wrist, iv. 430.
of fracture of shaft of radius, iv. 435.
of fracture of lower radial epiphysis, iv. 475.
of fractures of femur, subtrochanteric, iv. 494.
shaft, iv. 507.
supra-condylar, iv. 547.
of fractures of leg, shafts, iv. 554.
of supra-malleolar fractures, iv. 569.
Anatomical localisation, v. *See* Localisation, anatomical.
Anatomical section of nerves, impossibility of diagnosis, ii. 290.
Anchorage of fragments of jaw, debatable question, iv. 713.
Andrault and Barret process of triangulation, v. 205.
Aneurism, arterio-venous, accompanying orbital lesion, iv. 939, 942.
cause of, iv. 874.
Aneurism, aortic, in syphilis, i. 635.
Aneurism, arterial, iii. 114.
aneurismorrhaphy in, iii. 125.
embolism in, iii. 115.
extirpation of sac in, iii. 118.
inflammation of sac in, iii. 115.
spontaneous obliteration of sac in, iii. 116.
spontaneous recovery in, iii. 114.
summary of methods in, iii. 127.
arterio-venous, iii. 127.
complications of, iii. 128.
extirpation of sac in, iii. 132.
in direct anastomosis, iii. 129.
in indirect anastomosis, iii. 135.
statistics of angiorrhaphy in, iii. 130.
diffuse or false, iii. 13.
of axilla, iii. 210.
arterio-venous, iii. 210.
disturbances due to, iii. 211.
nature of, iii. 210.
treatment of, iii. 211.
extirpation of sac in, iii. 212.
Aneurism of axilla, treatment of, ligature following, iii. 221.
suture in, iii. 213.
vascular grafts in, iii. 214.
proximal ligature, in, iii. 212.
of forearm and hand, iii. 221.
of leg and foot, iii. 258.
of pelvic vessels, iii. 228.
of common iliac artery, iii. 228.
of external iliac artery, iii. 229.
of gluteal artery, iii. 231.
of internal iliac artery, 228.
of poplitial vessels, iii. 252.
physical signs of, iii. 252.
treatment of, iii. 253.
of arterial aneurism, iii. 253.
extirpation of sac in, iii. 253.
Matas aneurismorrhaphy in, iii. 253.
of arterio-venous aneurism, iii. 253.
extirpation of sac in, iii. 253.
ligature or suture in, iii. 254.
vascular graft in, iii. 254.
Aneurismal hæmatoma, diffuse, iii. 13.
Aneurismorrhaphy, Matas, iii. 125. 253.
Angina, Vincent's, i. 571, 584.
Angle at which foot is set, v. 414, 429.
Angle's apparatus for paramedian fracture of jaw, iv. 683.
Angle's arch, iv. 663.
adjustment of, iv. 665.
Angulation of femur, shortening from improved by osteotomy, vi. 405.
Angulation of fragments, v. 542.
Anilarsinate of sodium, i. 612.
Animals as paratyphoid carriers, i. 257.
dysentery in, i. 344.
Animals, section of nerve in, ii. 232.
Ankle clonus complete, ii. 414.
incomplete, ii. 414.
examination of, ii. 4.
Ankle clonus in wounds of brain, iii. 574.
Ankle-jerk, ii. 268.
inverted, iii. 177 (*note*).
Ankle joint, vi. 262.
ankylosis of, vi. 273.
indications for arthrodesis of, vi. 395.
Ankle, movable, with flexed knee, v. 430.

Ankle and knee joints, combined mechanism for, v. 435.
Ankle, wounds and fractures of, iv. 234 *et seq.*
Ankle wounds, types of, iv. 237.
Ankylose cerclée, vi. 220.
Ankylosis, vi. 213.
bony, vi. 217, 219.
comparison of functional results of, and of joint resection, vi. 228.
complete, vi. 217, 219.
bony, vi. 217.
of knee-joint, vi. 223.
position of fixation of joint in, vi. 217.
correction of mal-position in, vi. 223.
doubtful cases of, recrudescence of infection in, vi. 228.
effects of massage in, vi. 220.
extension of elbow joint in, vi. 223.
extra-articular, vi. 217.
false, vi. 217, 286.
fibrous, vi. 217.
forcible manipulation in, vi. 225.
intra-articular, vi. 217, 219.
forms of, vi. 217.
functional results of, in connection with elbow and shoulder joints, vi. 228.
importance of mobility in, vi. 227.
importance of position in, vi. 222.
importance of stability in, vi. 227.
in good position, vi. 222.
Ankylosis, definition of, v. 708.
due to defects of bony union, v. 547.
extra-articular, in articular end of bone, v. 709.
of peri-articular soft parts, v. 710.
intra-articular, cause of, v. 708.
pathological conditions in joint due to, v. 708.
malpositions of, v. 717.
maxillary, due to auriculo-mastoid wounds, treatment of, v. 880.
pathological bases of, v. 709 *et seq.*
positions of election in, v. 717, 718.
prophylaxis of, v. 716, 624.
temporo-maxillary, due to wounds of auriculomastoid region, v. 872.
treatment of, v. 725, 738.
curative, v. 724.
accessory means of, v. 737.
Ankylosis, treatment of, curative, correction by a succession of plasters, v. 735.
forcible correction, v. 733.
preliminary operations, v. 736.
preventive, v. 716.
with sinuses leading to epiphyses, operation for, v. 698.
varieties of, v. 708, 709.
extra-articular, v. 709.
intra-articular, v. 708.
Ankylosis, and sinuses, iv. 169.
avoidance of, iv. 32.
of jaw, permanent, iv. 649.
production of, iv. 31.
vicious, iv. 254.
Ankylosis of elbow, ii. 292, 295.
of joints, ii. 113.
of wrist, ii. 47.
Ankylosis, operative procedures in, vi. 227.
in mal-position, vi. 223.
operative procedures in, vi. 225.
osteoclasis in, vi. 227.
osteotomy in, vi. 227.
incomplete, vi. 217.
bony, vi. 217.
direction and range of movement in, vi. 217.
of elbow joint, vi. 239.
of knee-joint, vi. 223.
indications for operation in, vi. 222.
indications for treatment in, vi. 222.
intra-articular, vi. 217.
limitation of joint movement in, vi. 222.
meaning of term, vi. 216.
metacarpo-phalangeal joint in, vi. 231.
of ankle joint, vi. 273.
of arthritic and inflammatory origin, vi. 219.
of elbow joint, vi. 238.
at flexion, vi. 223.
See *ankylose cerclée*.
of finger joint, complications of, in war wounds, vi. 232.
of fingers, vi. 230.
amputation in, vi. 230.
conservation of length of stump in, vi. 230.
indications for amputation in, vi. 232.
treatment in, vi. 230, 232.
of foot, vi. 256.
of forearm, vi. 235.
of hip joint, vi. 282.
of joint, vi. 405.

Ankylosis of knee joint, vi. 279.
of knee or elbow in the semi-flexed position, vi. 224.
of mid-tarsal and sub-astragaloid joints, vi. 278.
of mid-tarsal joint, vi. 278.
of shoulder, vi. 246.
of toes, vi. 233.
amputation in, vi. 233.
treatment in, vi. 233.
of wrist joint, vi. 234.
operative removal of extoses in, vi. 220.
peri-articular bridges of bony outgrowths in, vi. 219.
radiographic examination in, vi. 221.
recurrence of extoses in, vi. 220.
restoration of mobility in, vi. 227.
restoring mobility of joint in, vi. 222.
Ankylosis, surgical indications in, vi. 217.
true and complete, general considerations, vi. 219.
joint resection in, vi. 219, 227.
true, of intra-articular origin, vi. 217.
varieties of, vi. 216.
Annular constrictions, ii. 232.
Anode, v. 1.
Ano-rectal sphincter, disorders of, ii. 817.
Anopheles maculipennis, in Macedonia, i. 947.
mosquito in inoculation of malaria, i. 939.
"Anse Calcanéenne," iv. 243.
Antecedents of patients and secondary syphilis, i. 547.
Anterior crural nerve, ii. 195, 203.
tibial nerve, ii. 156.
Anterior fractures of mandible, iv. 599, 676.
Anterior Tarsus, resection of, iv. 258.
Antero-external muscles, paralysis of, orthopædic appliance for, ii. 341.
Anticathode, v. 4.
cooling of, by water reservoir or current of air, v. 8.
distance from, to screen, v. 186.
double, v. 226 *et seq.*
Anticathode tube, v. 248.
Antimonial cholera, i. 398.
Antiparatyphoid vaccination, i. 263 *et seq.*
Antipyretic drugs for use in typhoid fever, i. 140.
Antipyrine in typhoid fever, i. 140.
Antiseptic agents in syphilis, i. 593.
fluid, i. 654.
soap as, i. 689.
Antiseptic medication in typhoid, i. 142.
Antitetanic serotherapy, curative, i. 872.
cases, i. 746.
injections in contact with wound in, i. 880.
intra-arterial injections in, i. 877.
intra-cerebral injections in, i. 878.
intra-muscular injections in, i. 875.
intra-nervous injections in, i. 879.
intravenous injections in, i. 875.
para-nervous injections in, i. 880.
para-radicular injections in, i. 880.
sub-arachnoid injections in, i. 878.
subcutaneous injections in, i. 874, 880.
value of, i. 872.
Antitetanic serum in prophylaxis against tetanus, i. 852.
anaphylaxis following, i. 869.
anti-anaphylactic measures in, i. 864–865.
dosage in, i. 870.
efficacy of, i. 865.
history of, i. 852.
innocuousness of, i. 858.
preparation of, i. 853.
properties of, i. 854.
antitoxic, i. 854.
prophylactic, i. 855.
against tetanus infection, i. 855.
tetanic toxin, i. 855.
rules of injection for, i. 867.
salol as adjuvant in, i. 871.
symptoms due to first injection of, i. 858.
emptions, i. 858.
fatal, i. 860.
serum sickness, i. 869.
symptoms due to re-injection of, i. 861, 886.
immediate, i. 861, 869.
general, i. 862.
local, i. 861.
late-appearing, i. 861, 870.
with sub-gallate of bismuth in prophylactic treatment of wounds, i. 849.
Antitoxic treatment of tetanus, i. 880.
alcohol in, i. 883.

Antitoxic treatment of tetanus, ascitic acid in, i. 884.
Bottu's mixture in, i. 886.
carbolic acid in, i. 880.
mode of action of, i. 882.
results in, i. 881.
cholesterin in, i. 884.
colloidal metals in, i. 883.
hypochlorate of betain in, i. 884.
nervous opotherapy in, i. 884.
salvarsan in, i. 883.
sodium persulphate in, i. 885.
Antitoxin (tetanus), i. 920, 923.
Antitoxin treatment of gas gangrene, v. 768.
Antityphoid vaccination, i. 263 *et seq.*
compulsory, i. 242, 286.
some army examples of, i. 281.
value of, i. 226.
Anti-venereal struggle in Italy, i. 688.
Anxiety, delusion of, fatal, acute, vi. 493.
in mental depression, vi. 490.
vague, as a factor in mental depression, vi. 487.
Anxious impulsions, in mental depression, vi. 488.
Aortic aneurism, i. 635.
"Ape-hand," ii. 55, 57, 289.
Apert and Lhermitte, pararadicular injections of anti-tetanic serum, i. 880.
Apes, experiments for syphilis on, i. 689.
typhus produced in, by inoculation, i. 486–487.
Aphasia, motor, ii. 485.
Aphasia, as subjective symptom in traumatic cerebral lesions, vi. 582.
Aphasia in second phase of primary paludism in malaria, i. 1000.
in syphilis, i. 585.
in typhoid, i. 63.
Aphasia in relation to wounds of brain, iii. 662.
accepted theory of, iii. 663.
pure word-deafness in, iii. 664.
sensory or Wernicke's aphasia in, iii. 663.
sub-cortical or pure motor aphasia in, iii. 663.
total aphasia in, iii. 664.
true motor or Broca's aphasia in, iii. 663.
course and prognosis of, iii. 675.
differential diagnosis of, iii. 676.
Aphasia, differential diagnosis of, from aphonia, mutism or hysterical deaf-mutism, iii. 677.
from bulbar dysarthria, iii. 676.
from cerebellar dysarthria, iii. 676.
from pseudo-bulbar dysarthria, iii. 676.
history of, iii. 662.
in lesions of temporal love, iii. 657.
Pierre Marie's conception of, iii. 664.
of Broca's aphasia and Wernicke's aphasia, iii. 665.
of cerebral localisations, iii. 665.
of aphasia, iii. 667.
of Broca's aphasia, iii. 667.
of speech centre, iii. 665, 667.
of Wernicke's aphasia, iii. 667.
of clinical characteristics of aphasia, iii. 667.
of anarthria, iii. 667.
of Broca's aphasia, iii. 667.
of Wernicke's aphasia, iii. 667.
of word-deafness, iii. 668.
of intelligence in aphasia, iii. 664.
technique of examination in case of, iii. 668.
for comprehension of speech, iii. 668.
of condition of memory, iii. 670.
of power of mimicry, iii. 670.
of reading, iii. 669.
of speech, iii. 669.
of writing, iii. 670.
wound and, nature of, iii. 671.
site of, iii. 672.
in wounds of central region: ascending frontal and ascending parietal convolutions, iii. 673.
in wounds of pre-frontal region, iii. 675.
in wounds of posterior frontal region, iii. 675.
in wounds of temporo-parietal region, iii. 673.
aphasic residuum in, iii. 674.
predominant alexia in, iii. 674.
syndrome of aphasia in (Wernicke's type), iii. 674.
syndrome of total aphasia in, iii. 674.
Aphonia, and hysterical dumbness, employment of hypnotism in, vi. 605.

Aphonia, differentiated from aphasia, iii. 677.
in second phase of primary paludism, i. 996.
Aphthas, i. 583.
Aponeuroses, Seige's observations on, ii. 396.
Apoplectic isolation type of pernicious attack in second phase of primary paludism in malaria, i. 999.
Apoplexy, traumatic, differentiation of, from brain abscess in wounds of skull, iii. 750.
Apparatus, circulatory, in shell-shock, vi. 531.
faradic, vi. 4.
for electro-diagnosis, vi. 2.
galvanic, vi. 2.
prosthetic, in musculo - spiral paralysis, vi. 379.
Apparatus, fitting of, in fracture of thigh, iv. 532.
for expansion of mandible, iv. 685.
for reducing fracture of ramus of jaw, iv. 708.
supporting, after resection, iv. 32.
Apparatus, intravenous injection, i. 653.
Appearance of spirochæte, i. 552.
Appetite in typhoid, i. 26.
Appliances, with mobile joint, v. 123.
with universal joint, v. 126.
for use instead of hand. *See* Hand, appliances for use in place of.
Aprosexia, vi. 473.
Apyretic cases of typhoid, i. 12.
Aqueous solution of biniodide of mercury, i. 606, 609.
Arabs, susceptibility of, to typhoid fever, i. 169.
Arlt's theory of the equator of depression, iv. 891–896.
Arm, artificial, articulation at elbow, v. 519.
attachment and arm socket, v. 509.
disadvantages of complete liberty of action, v. 521.
materials for, v. 512.
movements transmitted by stump to arm socket, v. 519.
ploughman's, v. 521.
position of steels, v. 513.
ratchet to fix elbow joint in flexed position, v. 513.
socket, v. 518.
Arm, types of, v. 509.
worker's, v. 518.
projectiles in, v. 269, 351.
Arm, the lesions of, paralysis of ulnar nerve, ii. 103.
motor, bundles of median nerve in, ii. 353.
Arm, vascular wounds of, iii. 215.
clinical course of, iii. 218.
diffuse hæmatoma in, iii. 216.
ligature in, iii. 217.
external hæmorrhage in, iii. 215.
tourniquet in, iii. 215.
treatment of, iii. 218.
exploration in, iii. 218.
ligature of vessel in, iii. 219.
Armies, anti-cholera vaccines used in, i. 452.
cholera in, i. 410–412.
dysentery in, i. 337–344.
syphilis in, frequency of, i. 503.
leave and, i. 513.
origin of contagion in, i. 509.
scheme for, i. 641.
special conditions of, i. 591, 592. 593.
treatment of, at the front, i. 649.
in depots and sedentary services, i. 650.
typhoid in, contagion in, i. 202, 207.
necessity of immediate isolation in suspected cases, i. 232.
prophylaxis against, i. 242 *et seq.*
statistics in, i. 158.
susceptibility to, i. 158, 172, 173.
trench life and its dangers in, i. 250. (*Cf. also* French Army War and War-time.)
vaccination in, i. 266, 280.
febrile reactions following, i. 271.
typhus in, i. 475–478.
Armlet, concavity of, v. 470.
Arrhenate of mercury in syphilis, i. 612.
Arrows of air-men, abdominal wounds by, iii. 336.
Arsenic in treatment of syphilis, i. 591, 593, 612.
association of mercury and, i. 638, 639, 640, 642, 643.
galyl, i. 636.
hectine, i. 636.
luargol, i. 637.
neosalvarsan (novarsenobenzol). (*See also* Novarsenobenzol.) i. 715.

Arsenic in treatment of syphilis, salvarsan (arsenobenzol), i. 613. (*See also* Arsenobenzol.)
ulcerations due to, i. 557.
Arsenical cholera, i. 398.
Arsenobenzol in syphilis, i. 543, 613, 638, 639.
and albuminuria, i. 635.
cutaneous eruptions and, i. 635.
deaths from, i. 632.
description of, i. 612, 613, 614, 615.
mercury and, i. 634, 635.
nervous system and, i. 632.
neurotropism of, i. 634.
pseudo-chancre and, i. 64, 566, 567.
sensory affections and, i. 586.
serious accidents in treatment with, i. 631. (*See also* Novarsenobenzol, i. 631.)
Arterial dementias, vi. 576.
Arterial hæmatoma, differentiation of, from traumatic aneurism, iii. 111.
Arterial obliteration, and reflex vascular spasm, ii. 612.
pressure, diminution of, in vascular lesions, ii. 210.
pulsation weakened in reflex disorders, ii. 530.
tension variable with temperature, ii. 535.
Arterial tension in acute traumatic anæmia, iii. 28.
Arterial wave in typhoid, characters of, i. 51.
Arteries, brachial, wounds of, iii. 215.
clinical course of, iii. 218.
diffuse hæmatoma in, iii. 216.
ligature in, iii. 217.
external hæmorrhage in, iii. 215.
tourniquet in, iii. 215.
treatment of, iii. 218.
exploration in, iii. 218.
ligature of vessel in, iii. 219.
bullet wounds of, iii. 1–3, 5.
contusions of, iii. 136. *See also under* Blood vessels.
agents of injury in, iii. 137.
anatomical considerations of, iii. 136.
degrees of, iii. 139.
first and second, iii. 139, 140.
third, iii. 140, 141.
effect of, on circulation, iii. 141.
formation of thrombus in, iii. 141.
complete thrombosis, due to infection, iii. 142.
Arteries, contusions of, effect of, formation of thrombus in, embolism following, iii. 144.
secondary thrombosis, iii. 143.
small thrombus, iii. 142.
etiology of, iii. 136.
mechanism of, iii. 136.
pathological anatomy and physiology of, iii. 138.
treatment of, iii. 146.
removal of thrombus in, iii. 146.
extensive wounds of, iii. 24.
acute traumatic anæmia in, iii. 26.
anatomical findings in, iii. 26.
gravity of, iii. 27.
symptoms of, iii. 26.
external hæmorrhage in, iii. 24.
results of, iii. 25.
death, iii. 25.
spontaneous hæmostosis, iii. 25.
reactionary hæmorrhage in, iii. 28.
precariousness of spontaneous hæmostosis in, iii. 28.
treatment of, iii. 29.
at ambulance, iii. 33.
at trench and aid post, iii. 29.
by direct compression, iii. 32.
by temporary closure, iii. 33.
Arteries, extensive wounds of, treatment of, at trench and aid post, by tourniquet for wounds of limbs, iii. 30.
gangrene following use of, iii. 31.
indications and contra-indications for, iii. 31.
by permanent hæmostosis of wound of main vessel, iii. 33.
choice of method in, iii. 40.
forci-pressure in, iii. 36.
ligature in, iii. 33.
advantages of, iii. 40, 45, 46.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene following, iii. 40–43.
too tight, iii. 34.
suture in, iii. 37.
asepsis in, iii. 43.

Arteries, extensive wounds of, at trench and aid post, by permanent hæmostosis of wound of main vessel, suture in, circular, iii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
treatment of acute anæmia in, iii. 46.
injection of physiological serum in, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of intravenous injection of, iii. 48.
results of, iii. 50.
minor measures in, iii. 46.
transfusion of blood in, iii. 50.
direct, by means of Elsberg's canula, iii. 51.
incision in, iii. 52.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
Arteries, extensive wounds of, treatment of acute anæmia in, transfusion of blood in, indirect, insertion of canula in, iii. 56
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.
femoral, aneurism of, iii. 242. *See also under* Femoral vessels.
gluteal and sciatic, wounds of, iii. 226.
external hæmorrhage in, iii. 226.
nature of, iii. 227.
treatment of, iii. 227.
exposure of vessel in, iii. 227.
ligature in, iii. 227.
iliac, wounds of, iii. 222.
cases of, iii. 223.
course of, iii. 222.
hæmatoma in, iii. 224.
occurrence of, iii. 222.
treatment of, iii. 223, 225.
of axilla, aneurism of, iii. 210.
Arteries, of axilla, arterio-venous, iii. 210.
disturbances due to, iii. 211.
nature of, iii. 210.
treatment of, iii. 211.
extirpation in, iii. 212.
proximal ligature in, iii. 212.
wounds of, iii. 203.
complications of, iii. 205.
hæmatoma in, iii. 204.
internal hæmorrhage in, iii. 204.
nature of, iii. 203.
spontaneous hæmostasis, in, iii. 203.
treatment of, iii. 205.
of femur, wounds of. *See* Femoral vessels.
of forearm and hand, aneurisms of, iii. 221.
wounds of, iii. 219.
diffuse hæmatoma in, iii. 219.
exposure of vessels in, iii. 220.
of radial artery, iii. 220.
of ulnar artery, iii. 221.
of leg and foot, wounds of. *See under* Blood vessels.
of neck, wounds of, iii. 149. *See also* Blood vessels of neck.
arterial aneurisms following, iii. 176.
most often wounded, ii. 217.
Arteries, of neck, wounds of, arterio-venous aneurism following, iii. 180.
at root of neck, iii. 185.
aneurisms in, iii. 199.
hæmatoma in, iii. 186, 187.
internal hæmorrhage in, iii. 186.
lacerations in, iii. 186, 189.
nature of, iii. 185, 186.
nervous lesions in, iii. 187.
results in, when untreated, iii. 188.
treatment of, iii. 189.
vascular operations in, iii. 194.
without hæmorrhage or hæmatoma, iii. 187.
classification of, iii. 150.
clinical picture of, iii. 151.
deep, iii. 149.
in middle and lower region, iii. 150.
in upper region, iii. 151.
superficial, iii. 149.

Arteries, of neck, treatment of, iii. 157.
of bullet-wounds, iii. 158.
aneurism in, iii. 159.
hæmatoma in, iii. 157.
of shell-wounds, iii. 158.
of sudden reactionary hæmorrhage, iii. 157.
of wounds of middle and lower region, iii. 162.
in common carotid, iii. 166.
in internal jugular vein, iii. 165.
temporary ligature of common carotid, iii. 162.
of wounds of upper part, iii. 170.
in internal jugular vein, iii. 172.
in internal or external carotids or their branches, iii. 173.
types of, iii. 151.
with hæmatoma, iii. 152.
without hæmatoma, iii. 154.
pelvic, aneurism of, iii. 228.
of common iliac, iii. 228.
of external iliac, iii. 229.
of gluteal, iii. 231.
of internal iliac, iii. 228.
wounds of, iii. 222.
of gluteal and sciatic arteries, iii. 226.
external hæmorrhage in, iii. 226.
nature of, iii. 227.
Arteries, pelvic, wounds of, of gluteal and sciatic arteries, treatment of, iii. 227.
of iliac vessels, iii. 222.
cases of, iii. 223.
course of, iii. 222.
hæmatoma in, iii. 224.
occurrence of, iii. 222.
of artery and vein, iii. 222.
treatment of, iii. 223, 225.
exposure of wound in, iii. 225.
incision in, iii. 225.
repair of vessel in, iii. 225.
temporary hæmostasis in, iii. 225.
popliteal, aneurism of, iii. 252. *See also* Aneurism.
wounds of. *See under* Popliteal vessels.
punctured wounds of, iii. 57.
agents of injury in, iii. 57.
Arteries, punctured wounds of, diffuse hæmatoma in, iii. 63.
complications in, iii. 84.
extensive, developing rapidly, iii. 72.
inflammatory distention differentiated from, iii. 69.
mechanism of, iii. 63, 64.
serious symptoms in, iii. 71.
small, developing slowly, iii. 74.
traumatic shock in, iii. 71.
internal hæmorrhage from, iii. 58.
general symptoms of, iii. 60.
local signs of, iii. 62.
physical conditions following, iii. 58.
without hæmorrhage, iii. 86.
wounds of, anatomical and physiological course of, iii. 10.
of bullet-wounds, iii. 10.
cicatrisation in, iii. 11.
complications in, iii. 14.
diffuse hæmatoma in, iii. 12.
encysted hæmatoma in, iii. 13.
spontaneous hæmostasis in, iii. 11.
true aneurism in, iii. 14.
of bullet-wounds of both artery and vein, iii. 14.
in complex lesions of both, iii. 16.
in opposing lateral wounds of both, iii. 14.
arterio-venous aneurism in, iii. 16.
Arteries, wounds of, anatomical and physiological course of, of bullet-wounds of both artery and vein, in opposing lateral wounds of both, arterio-venous communication in, iii. 15.
cicatrisation of opposing edges in, iii. 15.
of shell-wounds, iii. 18.
extensive, iii. 18.
benign infection of wound in, iii. 20.
hæmorrhage in, iii. 18.
secondary hæmorrhage in, iii. 20.
spontaneous hæmostasis in, iii. 19.
punctured, iii. 21.

Arteries, wounds of, of shell wounds, punctured, diffuse hæmatoma in, iii. 21.
obliterating of vessels in, iii. 22.
secondary hæmorrhage in, iii. 23.
septic gangrene in, iii. 22–23.
spontaneous hæmostasis in, iii. 22.
hæmatoma in, treatment of, iii. 90.
without hæmorrhage, treatment of, iii. 111.
discovery of aneurismal varix in, iii. 113.
in arterial aneurism, iii. 114.
aneurismorrhaphy in, iii. 125.
embolism in, iii. 115.
extirpation of aneurism in, iii. 118.
inflammation of sac in, iii. 115.
spontaneous obliteration of sac in, iii. 116.
spontaneous recovery in, iii. 114.
summary of methods in, iii. 127.
in arterio-venous aneurism, iii. 127.
complications in, iii. 128.
extirpation of sac in, iii. 132.
in direct anastomosis, iii. 129.
in indirect anastomosis, iii. 135.
statistics of angiorrhaphy in, iii. 130.
Arteries and typhoid fever, i. 44.
Artery, sciatic, ii. 153, 179.
Arteriorrhaphy, iii. 98.
Arteritis, gonorrhœal, i. 520.
parietal, i. 45.
typhoid, i. 44.
Arthritis, femoro-tibial, ii. 518.
of knee, ii. 493.
Arthritis, suppurative, in war surgery, vi. 219.
of shoulder joint, vi. 255.
Arthrodesis, indications for, with joints of foot, vi. 389.
of ankle joint, indications for, vi. 395.
of calcaneo-cuboid and sub-astragaloid joints, vi. 371.
Arthrodesis, of foot, technique of, vi. 392.
of wrist joint, performance of, vi. 379.
Arthrodesis, radio-ulnar, iv. 476.
Arthrotomy, iv. 16.
in elbow wounds, iv. 134 *et seq.*
in joint wounds, iv. 10.
indications for, iv. 13.
supporting apparatus, after, iv. 32.
Arthropathies in bacillary dysentery, i. 304.
Arthro-typhoid, i. 9.
Articular comminuted fractures, iv. 7.
Articular ends of bone, overgrowth or deformity of, vi. 217.
Articular false joint, vi. 437.
usual position of, vi. 437.
Articular fractures, types of, iv. 6, 9.
Articular lesions, vi. 213.
Articular rheumatism, i. 102.
Articular rigidity, main factors causing, ii. 391.
Articulations, examination of, ii. 3 *et seq.*
in lesions of peripheral nerves, ii. 214.
of the foot, ii. 403.
of the phalanges, ii. 401
Artificial anus, iii. 497, 502.
closing of, iii. 541.
Artificial dilatation of socket, for prosthetic purposes, iv. 996.
Artificial eye, iv. 939–942, 944–945, 951–952, 965.
preparation of orbit for, iv. 995.
leg, sometimes preferable, iv. 16.
teeth and plate, iv. 659 *et seq.*
Artificial limbs, active and passive, v. 381.
for amputation through arm, attachment and arm socket, v. 509.
types of, v. 509.
for amputation through forearm, artificial hand and appliances, v. 476.
attachment of, to elbow, v. 465.
attachment of, to shoulder, v. 467.
concavity of armlet, v. 470.
constituent parts, v. 464.
elbow joint, v. 470.
points of attachment, v. 465.
resistance to rotation, v. 469.
resistance to upward pressure, v. 469.
suspension of, v. 465.

Artificial limbs, for amputation through leg, with free knee joint, appliances with bearing upon tuberosities of tibia, v. 447.
appliances with end bearing only, v. 457.
indications for, v. 444.
methods of fitting, v. 446.
for amputation through thigh, apparatus with bearing upon ischium, v. 392.
without bearing upon ischium, v. 440.
combined mechanism for knee and ankle joints, v. 435.
conversion of articulated peg leg into leg with free knee movement and vice versa, v. 438.
peg leg and similar appliances, v. 408.
principles of, v. 392.
rules for, v. 392.
shape of top of bucket, v. 393.
suspension of thigh piece, v. 401.
walking with free flexion of knee. *See* Flexed Knee.
apparatus for, temporary and permanent, v. 383.
materials used in making bucket, v. 383.
Artificial limbs, arm. *See* Arm, artificial.
conditions to be considered in choice of, v. 381.
for disarticulation at hip joint, v. 444.
Artificial limbs, for disarticulation through shoulder joint and amputation through deltoid muscle, v. 523.
force transmitted by stump to, v. 382.
function of, v. 386.
hand. *See* Hand, artificial.
lower, bearing points for, v. 386.
general principles of fitting for, 386.
parts composing, v. 381.
and position of scar, v. 382.
preparing of flap for, v. 388, 389.
Artificially induced lesions, i. 583.
Artillery projectiles. *See* Projectiles, artillery, v.
Ascending neuritis, not cause of reflex disorders, ii. 586.
Aseptic extractions, operative results of, v. 355.
Ascitic acid in antitoxic treatment of tetanus, i. 884.
Asepsis, in shoulder wounds, iv. 107.
Aseptic measures in treatment of wounds of blood vessels, iii. 35, 43.
Asiatic cholera. (*See* Cholera, Asiatic.) i.
Aspiration, difficulties in connection with, vi. 141.
indications for, in pleuro-pulmonary wounds, vi. 788.
technique of, in pleuro-pulmonary wounds, vi. 789.
Associated laryngeal hemiplegia, ii. 227.
lesions of median and ulnar nerves, ii. 107 *et seq.*
Asphyxia, caused by descent of tongue into pharynx, iv. 663.
Asphyxia in cholera, treatment of, i. 406.
Assessment of disablements, by fracture of mandible, iv. 763.
Astasia-abasia, ii. 409, 463, 590, 752.
Astragalectomy, after treatment, iv. 248.
Astragalus, fractures of, iv. 241.
Asymmetry, facial, characteristics of, iv. 638.
Asynergia cerebellar, iii. 716.
Ataxic typhus, i. 466.
Ataxo-adynamic form of typhoid, i. 12.
of typhus, i. 466.
Atelectasis, histological appearance of, in wounds of lung, vi. 702.
Atmospheric conditions in development of tetanus, i. 832.
cold, i. 832.
humidity, i. 832.
Atoxyl in syphilis, i. 612.
Atrophy, ii. 5, 34, 71, 77, 119, 132, 170.
as a sign of severe lesion, ii. 291.
muscular, ii. 297.
arrest of, ii. 300.
in hip disease, ii. 582.
rapid, extensive, ii. 291.
of tissues, ii. 363.
Atrophy of the eye, iv. 926, 941.
Atrophy of liver, testicular in syphilis, i. 531.
yellow, in syphilis, i. 635.
Atrophy, muscular, in connection with joint lesions, vi. 355.

Atrophy, reflex, vi. 356.
Atropine, refraction under, ii. 477.
Attack and barrage in syphilis, treatment by, i. 641.
Attacking treatment in syphilis, i. 610.
Attenuated forms of local tetanus with slow development and prolonged incubation, i. 817.
pathogenesis of, i. 817.
symptoms of, i. 817.
facial expression in, i. 818.
hyper-excitability of muscles and nerves in, i. 818.
muscular hypertonia in, i. 818.
summary of, i. 919.
Attrition, pseudo-neuroma of, ii. 238, 240.
Pierre-Marie and Charles Foix on, ii. 242.
Atypical forms of tetanus, i. 707. (*See also* forms by name.)
Aubourg operation indicator for localisation of projectiles, v. 226.
Audioscopic finger-stall, v. 369.
Audition, functional examination of, v. 948.
blank for, used by Central Service of Oto-Rhino-Laryngology, v. 952.
cochlear reflexes, cochleo-phonatory reflex, v. 972.
cochleo-pupillary reflex, v. 977.
Lombard's test, v. 972.
false negative Rinne, v. 964.
Galton's whistle, v. 956.
hearing for the spoken voice, loud, v. 967.
preliminary investigation of, v. 949.
whispered, v. 972.
Lombard's assourdisseur, v. 963.
measurement of hearing-power, v. 951.
monochord, Struycken's, in, v. 956.
Rinne's test, v. 959.
Schwabach's test, v. 959, 964.
tests of reliability, v. 979.
Bourgeois', v. 993.
complete bilateral deafness, v. 980.
deaf-mutism, v. 980.
Escat's, with unisonant tuning forks, v. 990.
extreme bilateral dullness of hearing, v. 985.
Audition, tests of reliability, Gosset's, v. 983.
Kern's, v. 989.
Lucae's, v. 989.
Audition, tests of reliability, Müller's, v. 989.
Stenger's, v. 990.
total unilateral deafness, v. 988.
by tuning fork, v. 954.
Weber's test, v. 959, 966.
Auditory apparatus in wounds of brain, iii. 595.
examination of, iii. 583.
Babinski's voltaic vertigo test in, iii. 586.
Barany's test in, iii. 584.
Lombard's test in, iii. 583.
Rinne's test in, iii. 584.
rotation test in, iii. 584.
vestibular tests in, iii. 584.
Weber's test in, iii. 583.
with tuning fork, iii. 583.
Auditory centre, temporal lobe the, iii. 654.
Auditory disorders, ii. 800 *et seq.*
differential diagnosis of, ii. 806.
sensory, nature of, ii. 806.
disturbance, prognosis of, ii. 807.
hallucinations in shell shock, ii. 869.
Auditory disturbances in lesions of temporal lobe, iii. 660.
Auditory disturbances in second phase of primary paludism in malaria, i. 997.
hallucinations in syphilis, i. 633.
nerve labyrinth, lesions of, i. 586.
Auditory hyperesthesia, due to labyrinthine concussion, v. 904.
Auditory lesions in wounds of frontal lobe, iii. 607.
Auditory meatus, external, wounds of, etiology of, v. 849.
pathological anatomy and symptoms of, v. 849.
treatment of, v. 850.
Audry, Charles, i. 526–599.
and insurance statistics, i. 526.
Audry's suppositories, i. 599, 600.
Aura, sensory, iv. 963, 968.
Auricle, wounds of, etiology of, v. 847.
symptoms of, v. 847.
treatment of, v. 848.
Auricular branch, of superficial cervical plexus, ii. 126.
Auriculo-mastoid region, wounds of, complications of, ankylosis, temporo-maxillary, v. 872.

Auriculo-mastoid region, wounds of complications of, facial paralysis, v. 872.
lateral sinus and internal carotid, v. 873.
meningeal and cranial, v. 873.
treatment of, v. 679.
course of, v. 870.
diagnosis of, v. 873.
etiology of, v. 867.
frequency of, v. 867.
pathological anatomy of, v. 868.
penetrating, v. 868.
perforating, v. 868.
plunging, v. 868.
prognosis of, v. 874.
symptoms of, v. 870.
tangential, v. 868.
treatment of, for complications, v. 879.
early operative, v. 875.
in fracture of mastoid process, v. 876.
general indications for, v. 874.
immediate, v. 875.
infected wounds, v. 878.
for tangential wounds, v. 875.
Auscultation, in pleuro-pulmonary wounds, vi. 751.
Austria, epidemics of typhus in, i. 480.
Austrian Army, in European war, cholera in, i. 411.
vaccination against cholera in, i. 452.
Autochir, iii. 414, 424, 431.
Autolysat (Vincent's vaccine), i. 122, 151.
Automatic pronation, disappearance of, ii. 44.
Automatism, as a factor in mental confusion, vi. 479.
Autopyovaccine, iv. 99.
Auto-suggestion, ii. 413, 421, 425, 426, 450, 628.
period of, ii. 447.
Auxiliary vessels, aneurism of, iii. 210.
arterio-venous, iii. 210.
disturbances due to, iii. 211.
nature of, iii. 210.
treatment of, iii. 211.
extirpation in, iii. 212.
ligature following, iii. 212.
suture in, iii. 213.
vascular grafts in, iii. 214.
proximal ligature in, iii. 212.
wounds of, iii. 203.
complications of, iii. 205.
Auxiliary vessels, wounds of, hæmatoma in, iii. 204.
internal hæmorrhage in, iii. 204.
nature of, iii. 203.
spontaneous hæmostasis in, iii. 203.
treatment of, iii. 205.
exposure of vessels in, iii. 205.
repair of vascular injury in, iii. 208.
temporary hæmostasis in, iii. 208.
Aviation, fitness for, v. 1034.
Avignon, epidemics at, i. 242, 254, 272, 287, 288.
Avulsion of the optic nerve, iv. 811–812, 826, 860–861.
Axilla, projectiles in, v. 350.
Axilla, wounds in, ii. 103.
Axillary artery, lesions of, ii. 217.
Axis-cylinder, the, ii. 232.
descending and retrograde changes in, ii. 249.
Axome, ii. (*See* Axis-cylinder.)

B. ærogenes capsulatus, cause of gas gangrene, iv. 299.
Babinski's cerebellar syndrome, iii. 713.
clinical test for differentiation between organic and functional hemiplegia, iii. 637.
tests of diadococinesia in wounds of brain, iii. 580.
Babinski electrical test, armamentarium for, v. 1016.
method of procedure, v. 1016.
principle of, v. 1016.
results of, in cases with diseased labyrinths, v. 1018.
in cases with normal labyrinths, v. 1018.
semeiological value of, v. 1020.
Babinski and Froment on physiopathic affections, ii. 370.
and Froment on reflex paralyses, ii. 515–6.
on disorders of sphincter control, ii. 812.
method of testing hysterical anæsthesia, ii. 796.
sign, ii. 12, 146, 150.
in cerebral concussion, ii. 856.
use of radiotherapy in neuralgia, ii. 327.
Babinski's voltaic vertigo test, iii. 586.
in cerebellar lesions, iii. 733.

Babinski-Weil test for equilibrium, v. 998.
Baccelli, i. 608.
Bacelli's carbolic acid treatment of tetanus, i. 880.
Bacillary dysentery, i. 298–304.
clinical forms of, i. 300.
bilious form, i. 300.
choleraic form, i. 302.
chronic form, i. 303.
fulminating form, i. 300.
gangrenous form, i. 301.
hæmorrhagic form, i. 303.
light form, i. 300.
long-continued or relapsing, i. 303.
typhoidal form, i. 302.
ulcerative form, i. 301.
diagnosis of, i. 311–323.
differential of, i. 314.
epidemiology of, i. 335–342.
etiology of, i. 343.
determining causes in, i. 345.
carriers in, i. 347.
direct contagion in, i. 346.
hands in, i. 67.
indirect contagion in, i. 349.
mode of entrance in, i. 345.
modes of propagation in, i. 350, 351.
by carriers, i. 354.
by flies, i. 354.
in clothing, i. 354.
in drinking water, i. 345.
in dust, i. 353.
in food, i. 354.
in milk, i. 355.
in soil, i. 353.
seat of infection in body in, i. 348.
vitality of bacilli, i. 350.
in cold, i. 351, 352.
in darkness, i. 351.
in sunlight, i. 351.
in water, i. 350.
predisposing causes in, i. 343.
age in, i. 343.
domestic animals in, i. 344.
exposure in, i. 343.
fatigue in, i. 344.
previous infection and, i. 344.
racial susceptibility in, i. 344.
spread of epidemics in, i. 357.
in Japan, 358.
immunising power of, i. 344, 361.
in armies, i. 337.
Bacillary dysentery, prophylaxis of, i. 369. (*See also* Dysentery.)
serotherapy in, i. 375–376.
specific treatment of, i. 325–326.
symptoms of, i. 298.
acute dysenteric period in, i. 299.
period of incubation in, i. 298.
period of onset in, i. 298.
terminal period in, i. 299.
symptoms of complications of, i. 304.
treatment of, i. 324.
Bacilli, of typhoid affections, intermediate, i. 117.
table of differences between, i. 114–115.
Bacilluria of typhoid fever, i. 192.
Bacillus, Ducrey's, i. 559.
Loeffler's, i. 572.
of dysentery, culture and isolation of, i. 41–43, 321–323.
vitality of, in various media, i. 350–354.
Bacillus carriers, i. 187, 199, two groups of, i. 189 *et seq.* (*See also* carriers.)
Bacillus coli, i. 114, 115.
Bacillus enteritidis, i. 93, 257.
fœcalis alkaligenes, i. 117.
proteus vulgaris in typhoid fever, i. 18.
pyocyaneus in typhoid fever, i. 18.
Bacillus perfrigens, presence of, in wounds of pleura, vi. 826.
Bacteria concerned in infected fractures, iv. 295.
Bacteriologic control of wound, Carrel-Dakin method, iv. 50.
Bacterial therapy of typhoid, i. 149.
Bacteriological diagnosis, first measure in an epidemic, i. 231.
of dysentery, i. 315–316.
examination for cholera vibrios, i. 447.
in therapy of typhoid, i. 149 *et seq.*
Bacteriuria in typhoid, i. 110.
Balanitis, i. 557.
erosive and ulcerous, i. 564.
Balantidium coli, i. 367.
dysentery due to, i. 309.
Balkan War, cholera in, i. 411.
vaccination against, in Greek Army, i. 450.
typhus in, i. 477.
Balkan Wars, laparotomy in, iii. 286.
Ball-and-socket joints, effects of malunion of fractures on, vi. 417.

Balneotherapy, i. 134.
Balzer, i. 503, 612, 619, 697, 702.
Bar, i. 529.
Baræsthesia, ii. 8.
Barany on centres of direction in cerebellum, iii. 719.
Barany's test, ii. 484.
Barany's tests, v. 1001.
advantages of, v. 1002.
caloric, v. 1008.
instruments required by, v. 1009.
physiological basis of, v. 1002.
rotation test, v. 1003.
diminution or abolition of reflex, v. 1005
exaggeration, v. 1005.
result of, in normal person, v. 1004.
in a pathological condition, v. 1005.
Barany's tests of cerebellar reflex movements of vestibular origin, iii. 584, 724.
Barium, platinocyanide of, v. 29.
Barracks, the best position for, i. 227.
Barrage, treatment by attack and, i. 641.
Barret and Andrault process of localisation, v. 205.
Basal infiltration, i. 562.
meningitis, i. 586.
Base hospitals, cases seen at, iv. 4.
Base zone and contamination, i. 515, 516.
Baths, hot, in treatment of joints, v. 728, 737.
Baths, hot or cold, influence of, ii. 690.
Baths, sulphur, in syphilis, i. 645.
treatment of typhoid fever by, value of, i. 21, 134 *et seq.*
warm, in treatment of tetanus, i. 888.
Bathymeter, Dessane's, v. 197.
Battery, of accumulators, vi. 4.
portable galvanic, vi. 5, 9.
Bauer regulator, v. 17.
Bayonet, abdominal wounds by, iii. 331.
"Bayonet leg," iv. 574.
Bazin and Legendre's syphilitic plaques, i. 576, 577.
Béchamp, i. 612.
Bearing points, v. 386.
upon condyles of femur, v. 442.
upon end of leg stump, v. 457.
upon ischium, v. 393.
upon tuberosities of tibia, v. 447.
Béclère, M., and the knife process of localisation, v. 177.
and Morin's ready reckoner, v. 217, 219.
on the visual function in radiology, v. 31.
spintermetre, v. 19.
table, v. 78.
tattooing needles, v. 89.
Bedsores, treatment of, i. 147.
Behring and Kitasato, demonstration of antitoxic powers of anti-tetanic serum, i. 852.
Belgium, tetanus in, i. 829.
Belladonna in tetanus, i. 889.
Bell-clapper penis, i. 542.
Belot compass, v. 167.
localisation forceps, v. 158.
method of localisation, v. 212.
penetrometer, v. 28. (*Note.*)
table of, v. 78.
Benario, i. 633.
Benoist, M., v. 22, 26.
transparency tables of, v. 108.
Benzo-sulphono-para-aminophenyl arsenate of sodium, i. 612, 636.
Benzoate of mercury, solution of, i. 606.
Bérard, modification of Carrel's method of indirect transfusion of blood by means of tubes sterilised in paraffin, iii. 54.
Berger on laparotomy, iii. 270.
Bergeron and Letulle, i. 524.
Berlin's diagnosis of seat of orbital fracture, iv. 781, 782, 972.
Bernard, Claude, syndrome of, iv. 921.
Bernard and Horner's sympathetic syndrome, ii. 147.
Bertarelli's method of examination, i. 554.
Bertherand on "Gunshot wounds of the orbit," iv. 779–780.
Bertillon's statistics on occurrence of typhoid fever as to age and sex, i. 170.
Bertin Sans and Leenhardt process of graduated crosses, v. 212.
Besredska anti-anaphylactic treatment, i. 864.
Betain hypochlorate in anti-toxic treatment of tetanus, i. 884.
Bevel, the, i. 653.
Beverages capable of causing contagion, i. 216, 238, 258.

Biceps muscle, ii. 131, 154, 158.
contracture of, ii. 369.
Biceps reflex, ii. 39.
Biett's collar, i. 573.
Bile, culture from, i. 110.
Bile pigments in hæmothorax fluid, vi. 723.
method of demonstrating, vi. 723.
Bilgewater, transmission of cholera vibrio by, i. 435.
Bilharzia, i. 309, 313, 368.
dysentery due to, i. 309.
Bilharziasis, i. 368.
Biliary retention in syphilis, i. 587.
Bilious form of bacillary dysentery, i. 300.
hæmoglobinuric fever, early, in second phase of primary paludism in malaria, i. 989.
in secondary paludism in malaria, i. 1011.
attack of, i. 1013.
blood in, i. 1014.
course of, i. 1014, 1015.
icterus in, i. 1013.
occurrence of, i. 1013.
urine in, i. 1014.
typhoid, i. 9.
Billings on laparotomy, iii, 277.
Biniodide of mercury, aqueous solution of, i. 606, 609.
oily solution of, i. 606.
Binocular vision, essential principle of, v. 236.
Bipolar method, in investigation of cutaneous sensations, vi. 13.
Bipp (bismuth iodoform paraffin paste), iv. 77.
employment of, iv. 77 *et seq.*
Rutherford Morrison's Method, iv. 77.
Birth rate, influence of syphilis on, i. 527.
Bismuth, sub-nitrate of, i. 643.
Bistoury method of localisation, v. 245.
Bizard, i. 505.
Bladder disturbances in paratyphoid fever, i. 89.
in typhoid fever, i. 70.
Bladder, treatment of lesions in, iii. 516.
operation in, iii. 518.
after-effects of, iii. 518.
radiography in, iii. 519.
wounds of, healing spontaneously, iii. 353.
not healing spontaneously, iii. 366.
Blake's splint, iv. 522.
Blaschko, i. 525.
Bleeding in treatment of typhoid fever, i. 141.
Blepharoplasty, iv. 939, 941–942, 950–954, 993–996, 1011.
Blepharospasm, ii. 474, 810.
Blindness, cortical, in lesions of occipital lobe, iii. 691.
in lesions of frontal lobe, iii. 605.
Blindness due to shell shock, ii. 865, 869.
Blinking, neuropathic, common, ii. 810.
Blondin's tracing boards, v. 216. (*Note.*)
Blood, changes in, in hæmothorax, vi. 713.
coagulation, cause of failure of, vi. 715.
causes of, vi. 714.
effusion of, as complication in wounds of chest, vi. 706.
in pleural cavity, in pleuro-pulmonary wounds, vi. 709.
fluid of, coagulability of, vi. 714
Blood-culture, i. 48, 111, 231.
Blood examination in malaria, i. 1018.
hæmatological signs in, i. 1033.
hæmatozoa in chart of, i. 1032.
diagnostic signs of, i. 1025.
method of making blood film in, i. 1018.
methods of staining in, i. 1019.
Laveran's panchrome in, i. 1024, 1033.
Senevet's borax-rosin-blue stain in, i. 1021.
Tribondeau's bi-eosinate stain in, i. 1019–1021.
water used in, precautions regarding, i. 1022.
Langeron's method of testing in, i. 1022.
results with ordinary water in, i. 1023.
with deep staining, i. 1024.
with faint staining, i. 1023.
with intermediate staining, i. 1024.
obtaining blood for, i. 1018.
thick drop method of, i. 1033.
of Plasmodium falciparum, i. 1029.
gametes of, i. 1030.
schizont of, i. 1029.
of Plasmodium malariæ, i. 1031.
amœboid bodies of, i. 1031.
gametocytes of, i. 1033.

Blood examination in malaria, of Plasmodium malariæ, rosette bodies of, i. 1031.
schizonts of, i. 1031.
of Plasmodium vivax, i. 1025.
amœboid body of, i. 1027.
blood corpuscles in, i. 1025.
gametes (or gametocytes) of, i. 1027.
parasite itself in, i. 1025.
schizont of, i. 1025.
preservation of slides in, i. 1019.
Blood, examination of, taken from finger on affected side and on sound side, ii. 535.
Blood, film, method of making, i. 1018.
Blood, transfusion of, in treatment of acute anæmia following extensive wounds of blood vessels, iii. 50.
direct, by means of Elsbergs' canula, iii. 51.
canula in, iii. 53.
incision in, iii. 53.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.
Blood in typhus, i. 489.
typhoid bacilli in, i. 176.
typhoid fever and, i. 45 *et seq.*
Blood vessels, contusions of, iii. 136.
agents of injury in, iii. 137.
anatomical considerations of, iii. 136.
clinical considerations of, iii. 144.
Blood vessels, contusions of, degrees of, iii. 139.
first and second, iii. 139, 140.
third, iii. 140, 141.
effect of, in circulation, iii. 141.
formation of thrombus in, iii. 141.
complete thrombosis, due to infection, iii. 142.
embolism following, iii. 144.
secondary thrombosis, iii. 143.
small thrombus, iii. 142.
Blood vessels, contusions of, etiology of, iii. 136.
mechanism of, iii. 136.
pathological anatomy and physiology of, iii. 138.
treatment of, iii. 146.
removal of thrombus in, iii. 146.
extensive wounds of, iii. 24.
acute traumatic anæmia in, iii. 26.
anatomical findings in, iii. 26.
gravity of, iii. 27.
symptoms of, iii. 26.
external hæmorrhage in, iii. 24.
from artery, iii. 24.
from both artery and vein, iii. 25.
from vein, iii. 24.
results of, iii. 25.
death, iii. 25.
spontaneous hæmostasis, iii. 25.
reactionary hæmorrhage in, iii. 28.
precariousness of spontaneous hæmostasis in, iii. 28.
treatment of, iii. 29.
at ambulance, iii. 33.
at trench and aid post, iii. 29.
by direct compression, iii. 32.
by temporary closure, iii. 33.
by tourniquet for wounds of limbs, iii. 30.
gangrene following, iii. 31.
indications and contra-indications for, iii. 31.
by permanent hæmostasis of wound of main vessel, iii. 33.
choice of method in, iii. 40.
ligature in, iii. 40.
suture in, iii. 43.
forci-pressure in, iii. 36.
ligature in, iii. 33.
advantages of, iii. 40, 45, 46.
treatment of, by permanent hæmostasis of wound of main vessel, ligature in, application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene following, iii. 40.
too tight, iii. 34.

Blood vessels, extensive wounds of, treatment of, by permanent hæmostasis of wound of main vessel, ligature in, suture in, iii. 37.
asepsis in, iii. 43.
circular, iii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
treatment of acute anæmia in, iii. 46.
injection of physiological serum in, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of intravenous injection of, iii. 48.
results of, iii. 50.
minor measures in, iii. 46.
transfusion of blood in, iii. 50.
direct, by means of Elsberg's canula, iii. 51.
canula in, iii. 53.
incision in, iii. 52.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.
Blood vessels of arm, wounds of, iii. 215.
clinical course of, iii. 218.
diffuse hæmatoma in, iii. 216.
ligature in, iii. 217.
external hæmorrhage in, iii. 215.
tourniquet in, iii. 215.
Blood vessels, of arm, treatment of, iii. 218.
Blood vessels of arm, treatment of, exploration in, iii. 218.
ligature of vessel in, iii. 219.
of axilla, aneurism of, iii. 210.
arterio-venous, iii. 210.
disturbances due to, iii. 211.
nature of, iii. 210.
treatment of, iii. 211.
extirpation in, iii. 212.
ligature following, iii. 212.
suture in, iii. 213.
vascular grafts in, iii. 214.
proximal ligature in, iii. 212.
wounds of, iii. 203.
complications of, iii. 205.
hæmatoma in, iii. 204.
internal hæmorrhage in, iii. 294.
nature of, iii. 203.
spontaneous hæmostasis in, iii. 203.
treatment of, iii. 205.
exposure of vessels in, iii. 205.
repair of vascular injury in, iii. 208.
temporary hæmostasis in, iii. 205.
of femur, aneurism of, iii. 242.
arterial, iii. 242.
extirpation of sac in, iii. 242.
arterio-venous, iii. 243.
extirpation of sac in, iii. 243–244.
gangrene following, iii. 244–245.
ligature in, iii. 243, 244.
quadruple ligature in, iii. 243, 244.
suture in, iii. 243–244, 245.
vascular grafts in, iii. 244.
wounds of, iii. 233.
diffuse hæmatoma in, iii. 234.
nature of, iii. 233.
treatment of, iii. 236.
arrest of hæmorrhage in, iii. 236.
immediate operation in, iii. 237.
incision of hæmatoma in, iii. 239.
incision of skin and muscles in, iii. 238.
indications for, iii. 236.
ligature in, iii. 239.
suture in, iii. 241.
temporary hæmostasis in, iii. 238.

Blood vessels, of forearm and hand, aneurism of, iii. 221.
wounds of, iii. 219.
diffuse hæmatoma in, iii. 219.
exposure of vessels in, iii. 220.
of radial artery, iii. 220.
of ulnar artery, iii. 221.
of leg and foot, aneurisms of, iii. 258.
wounds of, iii. 255.
of anterior tibial vessels, iii. 256–257.
diffuse hæmatoma in, iii. 257.
incision in, iii. 258.
of posterior tibial vessels, iii. 255.
diffuse hæmatoma in, iii. 256.
incision in, iii. 256.
physical signs of, iii. 255.
repair in, iii. 257.
of neck, wounds of, iii. 149.
arterial aneurisms following, iii. 176.
course of, iii. 177.
disturbances due to, iii. 177–178.
in middle and lower region, iii. 176.
in upper region, iii. 177.
treatment of, iii. 178.
diagnosis of wound in, iii. 178.
exposure of aneurism in, iii. 178.
extirpation of aneurism in, iii. 179.
arterio-venous aneurism following, iii. 180.
characteristics of, iii. 180.
course of, iii. 181.
disturbances due to, iii. 181.
treatment of, iii. 181.
exposure of lesion in, iii. 181.
identification of vessels in, iii. 182.
separation and repair of vessels in, iii. 182.
in aneurismal varix, iii. 182.
in varicose aneurism, iii. 182.
results in, iii. 182.
at root of neck, iii. 185.
aneurisms in, iii. 199.
nature and dimensions of, iii. 199.
surgical treatment of, iii. 199.
Blood vessels, of neck, wounds of, at root of neck, aneurisms in, surgical treatment of, in aneurisms of common carotid, iii. 201.
in aneurisms of innominate, iii. 200.
in aneurisms of subclavian, iii. 201.
hæmatoma in, iii. 186–187.
internal hæmorrhage in, iii. 186.
lacerations in, iii. 186, 189.
nature of, iii. 185–186.
nervous lesions in, iii. 187.
results in, when untreated, iii. 188.
treatment of, iii. 189.
exposure of great vessels in, iii. 190.
resection of clavicle and muscles for, iii. 191.
indications in, iii. 189.
hæmorrhage, iii. 189.
infection, iii. 189.
vascular operation in, iii. 194.
arrest of hæmorrhage in, temporary, iii. 194.
clinical examination of site in, iii. 194.
repair of vascular lesions in, iii. 195.
without hæmorrhage or hæmatoma, iii. 187.
classification of, iii. 150.
clinical picture of, iii. 151.
deep, iii. 149.
in middle and lower region, iii. 150.
in upper region, iii. 151.
superficial, iii. 149.
treatment of, iii. 157.
of bullet-wounds, iii. 158.
in aneurism, iii. 159.
arterio-venous, iii. 159.
in hæmatoma, iii. 157.
arterio-venous, iii. 160.
immediate *vs.* late operation in, iii. 160–162.
of shell-wounds, iii. 158.
of sudden reactionary hæmorrhage, iii. 157.
by digital pressure, iii. 157.
by forci-pressure, iii. 158.
of wounds of middle and lower parts, iii. 162.
diagnosis of, iii. 162.

Blood vessels, of neck, wounds of, at root of neck, treatment of
wounds of middle and lower parts, exposure and incision of hæmatoma in, iii. 163.
in common carotid artery, iii. 166.
in internal jugular vein, ligature, iii. 165.
temporary ligature of common carotid in, iii. 162.
of wounds of upper part, iii. 170.
diagnosis of, iii. 170.
exposure of hæmatoma in, iii. 171.
exposure of internal and external carotids in, iii. 171.
in internal jugular vein, iii. 172.
arrest of hæmorrhage in, iii. 172.
ligature of lateral sinus vessel by mastoid operation in, iii. 172.
in internal or external carotids or their branches, iii. 173.
types of, iii. 151.
with hæmatoma, iii. 152.
characteristics of, iii. 153.
functional symptoms of, iii. 153.
without hæmatoma, iii. 154.
reactionary hæmorrhage in, iii. 154.
secondary hæmorrhage from infection in, iii. 155.
Blood vessels of pelvis, aneurism of, iii. 228.
of common iliac artery, iii. 228.
of external iliac artery, iii. 229.
extirpation of, iii. 229, 230.
ligature in, iii. 230.
of gluteal artery, iii. 231.
extirpation of sac in, iii. 231.
ligature of internal iliac in, iii. 232.
of internal iliac artery, iii. 228.
operative treatment of, iii. 228, 229.
wounds of, iii. 222.
of gluteal and sciatic arteries, iii. 226.
external hæmorrhage in, iii. 226.
Blood vessels, of pelvis, wounds of, of gluteal and sciatic arteries, nature of, iii. 227.
treatment of, iii. 227.
exposure of vessel in, iii. 227.
ligature in, iii. 227.
of iliac vessels, iii. 222.
cases of, iii. 223.
course of, iii. 222.
hæmatoma in, iii. 224.
occurrence of, iii. 222.
of artery and vein, iii. 222.
treatment of, iii. 223, 225.
exposure of wound in, iii. 225.
incision in, iii. 225.
repair of vessel in, iii. 225.
temporary hæmostasis in, iii. 225.
popliteal: aneurism of, iii. 252.
physical signs of, iii. 252.
treatment of, iii. 253.
of arterial aneurism, iii. 253.
extirpation of sac in, iii. 253.
Matas aneurismorrhaphy in, iii. 253.
of arterio-venous aneurism, iii. 253.
extirpation of sac in, iii. 253.
ligature or suture in, iii. 254.
vascular graft in, iii. 254.
wounds of, iii. 246.
arrest of hæmorrhage in, iii. 246.
diffuse hæmatoma in, iii. 246.
lesions of sciatic nerve accompanying, iii. 247.
surgical operation in, iii. 247.
exposure of femoral artery in, iii. 248.
incision of hæmatoma in, iii. 249.
indications for, iii. 247.
ligature of popliteal artery in, iii. 249–252.
of popliteal vein, iii. 249.
suture in, iii. 252.
temporary hæmostasis in, iii. 247.
punctured wounds of, iii. 57.
agents of injury in, iii. 57.
diffuse hæmatoma in, iii. 63.
complications in, iii. 84.

Blood vessels, punctured wounds of, diffuse hæmatoma in, infection of hæmatoma in, iii. 85.
sudden and rapid enlargement of hæmatoma in, iii. 84.
extensive, developing rapidly, clinical course of, iii. 72.
ischæmic gangrene in, iii. 72.
ischæmic and septic gangrene in, iii. 73.
symptoms of, iii. 64.
auscultation in, iii. 66.
in deep hæmatoma, iii. 65.
in superficial hæmatoma, iii. 65.
inspection in, iii. 66.
palpation in, iii. 66.
inflammatory distention differentiated from, iii. 69.
deep-seated pain in, iii. 70, 71.
local signs of, iii. 69.
loss of power in, iii. 70.
mechanism of, iii. 63, 64.
serious symptoms in, iii. 71.
small or medium-sized, developing slowly, clinical course of, iii. 74.
in bullet-wounds, iii. 79.
absence of sepsis in, iii. 79.
aneurism, arterial, in, iii. 79.
arterio-venous aneurism in, iii. 82.
in shell-wounds, iii. 75.
diffuse cellulitis and circumscribed abscess in, iii. 75.
gas gangrene in, iii. 75.
secondary hæmorrhage in, iii. 76.
symptoms of, iii. 67.
peri-arterial, iii. 67.
venous, iii. 68.
traumatic shock in, iii. 71.
internal hæmorrhage from, iii. 58.
general symptoms of, iii. 60.
extent of wounds in, iii. 60.
traumatic shock in, iii. 61.
local signs of, iii. 62.
in abdominal wounds, iii. 63.
in thoracic wounds, iii. 62.
Blood vessels, punctured wounds of, physical conditions following, iii. 58.
without hæmorrhage, iii. 86.
by thrombosis due to contusion from vessel wound, iii. 87.
in bullet-wounds, iii. 87.
aneurismal varix in, iii. 89.
treatment of, iii. 89.
in shell-wounds, iii. 87.
infection and secondary hæmorrhage in, iii. 88.
treatment of, iii. 88.
Blood vessels, wounds of, anatomical and physiological considerations of, iii. 1.
differentiation in, between bullet-wounds and shell-wounds, iii. 9.
in bullet-wounds, iii. 1.
of arteries, iii. 1–3.
complete division, iii. 2.
lateral wounds, iii. 1.
perforations, iii. 3.
of both artery and vein, iii. 5.
of multiple lesions by same projectile, iii. 5.
of veins, iii. 3.
complete, lateral and perforative, iii. 4.
in wounds produced by shells, grenades and torpedoes, iii. 7.
complete division, iii. 8.
lateral wounds, iii. 7.
perforations, iii. 7.
of infection, iii. 10.
anatomical and physiological course of, iii. 10.
of bullet-wounds of arteries, iii. 10.
cicatrisation in, iii. 11.
complications in, iii. 14.
diffuse hæmatoma in, iii. 12.
encysted hæmatoma in, iii. 13.
spontaneous hæmostasis in, iii. 11.
true aneurism in, iii. 14.
of bullet-wounds of artery and vein, iii. 14.
in complex lesions of both, iii. 16.
in opposing lateral wounds of both, iii. 14.
arterio-venous aneurism in, iii. 16.

Blood vessels, wounds of, anatomical and physiological course of, of bullet-wounds of artery and vein, in opposing lateral wounds of both, arterio-venous communication in, iii. 15.
cicatrisation of opposing edges in, iii. 15.
of shell-wounds, iii. 18.
extensive, iii. 18.
benign infection of wound in, iii. 20.
hæmorrhage in, iii. 18.
secondary hæmorrhage in, iii. 20.
spontaneous hæmostasis in, iii. 19.
punctured, iii. 21.
diffuse hæmatoma in, iii. 21.
obliteration of vessels in, iii. 22.
secondary hæmorrhage in, iii. 23.
septic gangrene in, iii. 22–23.
spontaneous hæmostasis in, iii. 22.
treatment of, iii. 90.
of arterial hæmatoma, iii. 90.
extensive, developing rapidly, iii. 90.
exposure of wound in vessel, iii. 93.
source of persistent hæmorrhage in, iii. 93.
general care of wound in, iii. 100.
ischæmic gangrene in, iii. 91.
ischæmic and septic gangrene in, iii. 91.
permanent hæmostasis in, iii. 95.
by double ligature, iii. 95.
by forci-pressure, iii. 95.
by suture, iii. 98.
preventive hæmostasis in, iii. 91.
digital compression in, iii. 92.
Esmarch's constricting tube in, iii. 92.
exposure and ligature of vessel in, iii. 93.
Momburg's compression in, iii. 92.
small or medium-sized developing slowly, iii. 100.

Blood vessels, wounds of, treatment of, of arterial hæmatoma, small or medium-sized, from bullet-wounds, iii. 106.
early operation in, iii. 106–107.
late operation in, iii. 106.
primary operation in, iii. 107.
secondary operation in, iii. 109.
from shell-wounds, iii. 100.
secondary hæmorrhage in, iii. 101.
of internal hæmorrhage, iii. 90.
of wounds of arteries without hæmorrhage, iii. 111.
discovery of aneurismal varix in, iii. 113.
in arterial aneurism, iii. 114.
aneurismorrhaphy in, iii. 125.
embolism in, iii. 115.
extirpation of aneurism in, iii. 118.
double ligature following, results of, iii. 124.
gangrene in, iii. 121.
pre-operative examination in, iii. 122.
repair of vessel following, iii. 120.
inflammation of sac in, iii. 115.
rupture of sac in, iii. 115.
spontaneous obliteration of sac in, iii. 116.
spontaneous recovery in, iii. 114.
summary of methods in, iii. 127.
in arterio-venous aneurism, iii. 127.
cardiac, circulatory and nervous disturbances in, iii. 128.
complications in, iii. 128.
extirpation of sac in, by ligature of all vessels, iii. 132.
technique of, iii. 133.
in direct anastomosis, or aneurismal varix, iii. 129.
in indirect anastomosis or varicose aneurism, iii. 135.
statistics of angiorrhaphy in, iii. 130.

Blood-vessels, lesions of the, iv. 872–879. *See* Aneurism, Hæmorrhage, etc.
Blood-vessels and nerves, lesions of, ii. 211.
Blue cholera, i. 388.
Blumenthal's statistics of Wassermann reaction, i. 554, 555.
Bodies, transparency of, v. 27.
Boer War, dysentery in, i. 341.
typhoid fever in, i. 162.
Boer War, laparotomy in, iii. 280.
Boils, frequency of, in typhoid fever, i. 125.
Boinet and Monges, case of tetanus of left upper extremity, i. 745.
Bolk, animal experimentation on function of cerebellum, iii. 709, 710.
Bolk's division of cerebellum, iii. 708.
Bombs, abdominal wounds by, iii. 336.
Bond, case of cephalic tetanus, i. 781.
Bone, articular ends of, overgrowth or deformity of, vi. 217.
cases of non-union of, with unhealed wound, vi. 454.
false joints in shaft of, usual causes of, in war surgery, vi. 436.
spurs of, as seen by X-ray, vi. 221.
Bone, dead or decalcified, in packing of cavities, 665.
Bone, division of, iv. 24.
marrow, affected, iv. 301.
death of, iv. 302.
infection of, iv. 12.
restoration of, iv. 997–1014.
substance, large loss of, in fractures of mandible, iv. 622 *et seq.*
treatment of, iv. 345.
Bone-grafting, v. 565–567, 575–576.
Bone grafting, necessity for primary union after, vi. 444.
Bone, injuries of, radiography and, v. 58, 64.
Bone inflammation, general principles of pathology of, v. 578.
results of, v. 578.
Bone lesions, in fracture of ribs, vi. 684.
in pleuro-pulmonary wounds, vi. 684.
gravity of, vi. 684.
Bone and tendon reflexes in wounds of brain, iii. 570.
Bone tissue, elements of, v. 578.
Bones, changes in, ii. 214.
in lesions of peripheral nerves, ii. 214.
suppuration in, ii. 378.
Bones, lesions of muscles and, i. 648.
Bones, long, parts of, v. 579.
wounds of, without complete fracture of cancellous bone, v. 608.
wounds of shaft of, v. 604.
Bones of forearm, pseudo-arthrosis of, prognosis in, vi. 489.
Bones of chest wall, fractures of, as a complication in war wounds of chest, vi. 769.
Bones of orbital cavity, iv. 789 *et seq.*
Bonnet, principles of, iv. 364, 368.
Bony abnormalities, errors in reading of plates due to, v. 124.
Bony and cartilaginous grafts, results, in fractures of mandible, iv. 757 *et seq.*
Bony ankylosis, vi. 217, 219.
Bony graft from still-born infant, iv. 761.
in treatment of wounds of jaw, iv. 735.
Bony surfaces, occlusion of, iv. 27.
Bony union, iv. 27.
Bony union, defects of, ankylosis due to, v. 547.
common to femur, v. 542.
constituting indications for treatment, v. 568.
delayed union, v. 561.
excessive formation of callus, v. 10.
false joints, v. 556.
in forearm, v. 547.
in gunshot fractures, v. 541.
in humerus, v. 548.
loss of bony substance, v. 556.
in lower limbs, v. 548.
orthopædic boots for, v. 548.
osteomyelitis due to, v. 547.
osteotomy for, v. 549.
pseudarthrosis due to, v. 547.
shortening and angulation of fragments, v. 542.
use of radiography in, v. 557, 558.
delayed, v. 561.
differentiated from false joints, v. 556.
Boot, surgical, principle of, with surgical muscles, vi. 388.
Boot, with lateral supports, iv. 32.
Bordet, i. 554.

Borel method of avoiding false ophthalmoplegia in examination of cephalic tetanus complication by ophthalmoplegia, i. 737.
Borelli, v. 656.
Borne, i. 699.
Bornhaupt on medicinal treatment of abdominal wounds, iii. 284.
Bosnian expedition, dysentery in, i. 340.
typhoid fever mortality, i. 161.
Bosquette's pelvi-pedial support, iv. 525.
Bottu's mixture in antitoxic treatment of tetanus, i. 886.
Bouquet, Henri, case of late-appearing cephalic tetanus, i. 770.
"Bouche du chantre de village," iv. 654 *et seq.*
Bouchacourt's fluoroscope, v. 84.
Bouchacourt's manudiascope, v. 300.
Boudet, experiments of, vi. 57.
theory of contraction, vi. 27.
Bouget, v. 525, 531.
Boureau's appliances, v. 492.
Boureau's function of the artificial hand, v. 497.
Boureau's hook and ring, v. 504.
Boureau's length of artificial forearm, v. 498.
Bourguignon's application of law of electro-physiology, vi. 28.
Bouvier and Candrelier on laparotomy, iii. 311.
Bracelet, leather, for support, iv. 32.
Braces, for amputation below knee, v. 453.
in amputation through leg, v. 453.
with extending sling, v. 423.
for suspension of artificial leg, v. 404.
Braces, for suspension of thigh piece, v. 404.
Brachial artery, lesions of, ii. 217.
monoplegia, ii. 145, 146.
flaccid, ii. 722.
hysterotraumatic, ii. 409.
with contracture, ii. 722.
plexus, anatomy, ii. 123.
associated spinal cord symptoms, ii. 144.
collateral branches of, ii. 124.
complete lesions of, ii. 148.
lesions, spinal cord symptoms associated with, ii. 144.
localisation of lesions in, ii. 137.
paralysis of, ii. 122.
Brachial artery, plexus, paralysis of, following dislocation of shoulder, ii. 140.
(upper), appliances for paralysis of, ii. 346.
Brachial artery, wounds of, iii. 215.
clinical course of, iii. 218.
diffuse hæmatoma in, iii. 216.
ligature in, iii. 217.
external hæmorrhage in, iii. 215.
tourniquet in, iii. 215.
treatment of, iii. 218.
exploration in, iii. 218.
ligature of vessel in, iii. 219.
Brachialis anticus, ii. 117, 118, 131.
Brachial monoplegia in lesions of Rolandic area, iii. 621.
Bracketed appliance, iv. 396.
Bradycardia, ii. 823.
Brain, abscess of, in head injuries, iii. 745.
clinical forms of, iii. 749.
differential diagnosis of, iii. 750.
from functional symptoms, iii. 751.
from meningitis, iii. 750.
from traumatic apoplexy, iii. 750.
etiology of, iii. 745.
symptomatology of, iii. 746.
in acute superficial abscess, iii. 746.
in deep chronic abscess, iii. 747.
complete hemiopia, iii. 749.
general symptoms, iii. 747.
local signs, iii. 748.
papillary stasis, iii. 748.
psychic disorders, iii. 748.
concussion of, iii. 738.
diagnosis of, iii. 740.
pathogenesis of, iii. 740.
symptoms of, iii. 738.
immediate, iii. 738.
organic sequelæ, iii. 739.
contusion of, iii. 736.
by "contre-coup," symptoms of, iii. 736.
in frontal region, iii. 737.
in occipital region, iii. 737.
in temporo-parietal region, iii. 737.
in vertex, iii. 737.
Brain, foreign bodies in, iii. 761.
extraction of, iii. 778, 779, 780–781, 854.
route of, iii. 854.
search in, iii. 855.

Brain, foreign bodies in, extraction of, search in, with electromagnet, iii. 855.
with forceps, iii. 855, 858.
with magnetised withdrawal rod, iii. 857.
treatment of wound following, iii. 858.
innocuousness of non-septic, iii. 765.
location of, iii. 761.
radiography in, iii. 764.
symptoms of, iii. 764.
œdema of, cerebral hernia due to, iii. 849.
fracture of orbit, recovery, iv. 968.
injury to, 959-960, 963, 965, 977, 979.
Brain, traumatic lesions of, symptomatology, ii. 845.
Brain, wounds of, iii. 555.
aphasia in relation to, iii. 662.
accepted theory of, iii. 663.
pure word-deafness in, iii. 664.
sensory or Wernicke's aphasia in, iii. 663.
sub-cortical or pure motor aphasia in, iii. 663.
total aphasia in, iii. 664.
true motor or Broca's aphasia in, iii. 663.
course and prognosis of, iii. 675.
differential diagnosis of, iii. 676.
from aphonia, mutism, or hysterical deaf-mutism, iii. 677.
from bulbar dysarthria, iii. 676.
from cerebellar dysarthria, iii. 676.
from pseudo-bulbar dysarthria, iii. 676.
history of, iii. 662.
Pierre Marie's conception of, iii. 664.
of Broca's aphasia and Wernicke's aphasia, iii. 665.
of cerebral localisation, iii. 665.
of aphasia, iii. 667.
of Broca's aphasia, iii. 667.
of speech centre, iii. 665, 667.
of Wernicke's aphasia, iii. 667.
of clinical characteristics of aphasia, iii. 667.
of anarthria, iii. 667.
Brain, wounds of, aphasia in relation to, Pierre Marie's conception of, of clinical characteristics of aphasia, of Broca's aphasia, iii. 667.
of Wernicke's aphasia, iii. 667.
of word-deafness, iii. 668.
of intelligence in, iii. 664.
Brain, wounds of, aphasia in relation to, technique of examination in case of, iii. 668.
for comprehension of speech, iii. 668.
of condition of memory, iii. 670.
of power of mimicry, iii. 670.
of reading, iii. 669.
of speech, iii. 669.
of writing, iii. 670.
wound and, nature of, iii. 671.
site of, iii. 672.
in wounds of central region: ascending frontal and ascending parietal convolutions, iii. 673.
in wounds of pre-frontal region, iii. 675.
in wounds of posterior frontal region, iii. 675.
in wounds of the temporo-parietal region, iii. 673.
asphasic residuum in, iii. 674.
predominant alexia in, iii. 674.
syndrome of aphasia in (Wernicke's type), iii. 674.
syndrome of total aphasia, iii. 674.
Brain, wounds of, complications of, iii. 742.
clinical forms of, iii. 742.
diffuse meningitis, iii. 743.
encysted meningitis, iii. 743.
ventricular meningitis, iii. 743.
symptoms of, iii. 742.
cranio-cerebral topography in, iii. 560.
in frontal lobe, iii. 561.
in occipital lobe, iii. 562.
metrical system of datum-points in, iii. 563.
external auditory meatus and zygomatic arch in, iii. 564.
external occipital protuberance in, iii. 563.

Brain, wounds of, cranio-cerebral topography in, metrical system of datum-points in, fissure of Rolando in, iii. 564; Sylvian, iii. 565.
lambda, iii. 563.
nasal point in, iii. 563.
radiography in, iii. 566.
Brain, wounds of, epilepsy from, iii. 752.
diagnosis of, iii. 757.
epileptic fit in, iii. 754.
convulsive stage in, iii. 754.
prodromata of, iii. 754.
general consideration of, iii. 752.
Jacksonian, iii. 757.
differential diagnosis of, iii. 759.
sensory type of, iii. 759.
sequelæ of, iii. 759.
symptoms of, iii. 758.
"petit mal," iii. 755.
status epilepticus, iii. 756.
examination of patient in, iii. 555.
circumstances of infliction of wound in, iii. 555.
course of wound and nervous symptoms in, iii. 558.
earliest symptoms in, iii. 555.
interrogation of patient in, iii. 555.
examination of wound in, iii. 559.
bone injury in, iii. 559.
for cerebral lesions, iii. 560.
palpation in, iii. 559.
radiography in, iii. 560.
scalp wound in, iii. 559.
localisation of, iii. 560.
neurological examination in, iii. 567.
lumbar puncture in, iii. 587.
cytological examination of cerebro-spinal fluid in, iii. 588.
technique of, iii. 587.
of co-ordination, iii. 579.
in lower limbs, iii. 579.
in upper limbs, iii. 579–580.
of diadococinesia (Babinski), iii. 580.
of equilibrium, iii. 580.
of gait, iii. 580.
of reflexes, iii. 570.
clonus, iii. 574.
ankle, iii. 574.
patellar, iii. 575.
cutaneous and mucous, iii. 572.
abdominal, iii. 573.
adductor of foot, iii. 572.
Brain, wounds of, neurological examination in, of reflexes, cutaneous and mucous, automatic spinal or defensive, iii. 574.
corneal, iii. 574.
cremasteric, iii. 573.
palate, iii. 573.
plantar, iii. 572.
Brain, wounds of, neurological examination in, of reflexes, of bones and tendons, iii. 570.
Achilles reflex, iii. 570.
forearm flexion and lower radial reflex, iii. 571.
in lower limbs, iii. 570.
in upper limbs, iii. 571.
patellar reflexes, iii. 570.
Jendrassik's method, iii. 570.
triceps brachialis reflex, iii. 571.
ulnar pronation reflex, iii. 571.
of segmental muscular power, iii. 567.
paralysis tests in, iii. 567.
in head, iii. 569.
in limbs, iii. 568.
in trunk, iii. 569.
of sensation, iii. 575.
deep, iii. 578.
of passive movements, iii. 578.
of position, iii. 578.
osseous, iii. 578.
stereognostic, iii. 578.
superficial, iii. 575.
pain, iii. 578.
tactile, iii. 575.
thermal, iii. 578.
of sensory apparatus, iii. 581.
auditory, iii. 583.
Babinski's volatic vertigo test in, iii. 586.
Barany's caloric test in, iii. 585.
Lombard's test in, iii. 585.
Rinne's test in, iii. 583.
rotation test in, iii. 584.
vestibular tests in, iii. 584.
Weber's test in, iii. 583.
with tuning fork, iii. 583.
visual, iii. 581.
ocular media and fundus oculi in, iii. 582.
ocular movements in, iii. 581.
pupillary, iii. 582.

Brain, wounds of, of sensory apparatus, visual acuity in, iii. 582.
of speech, iii. 581.
radiography in, iii. 588.
Brain, wounds of, cerebellum, iii. 706.
anatomy of cerebellum in, iii. 706.
cerebellar tracts in, iii. 707.
Brain, wounds of, of cerebellum in, anatomy of cerebellum in, morphology in, iii. 707.
situation and connections in, iii. 706.
course of, iii. 729.
differential diagnosis of, iii. 730.
labyrinthine syndrome in, iii. 730.
functional symptoms in, iii. 731.
objective symptoms in, iii. 731.
vestibular tests in, iii. 732.
Babinski's voltaic vertigo tests, iii. 733.
Barany's caloric test, iii. 733.
rotatum test, iii. 733.
spontaneous nystagmus test, iii. 732.
wound of vestibular labyrinth in, iii. 730.
physiology of, iii. 709.
animal experiments in, iii. 709.
semeiology of cerebellum in, iii. 711.
classical tests in, iii. 711.
equilibrium in respose, iii. 711.
objective characters of equilibrium, iii. 711.
subjective disorders of equilibrium, iii. 711.
kinetic equilibrium, iii. 712.
gait in, iii. 712.
examination for Babinski's cerebellar syndrome, iii. 713.
adiadococinesia, iii. 715.
cerebellar asynergia, iii. 716.
intentional tremor in, iii. 717.
cerebellar catalepsy, iii. 715.
disorders of speech, iii. 719.
disorders of writing, iii. 718.
exaggerated movements (hypermetria), iii. 713.
in lower limb, iii. 714.
in upper limb, iii. 713.
Brain, wounds of, semeiology of cerebellum in, examination of localising cerebellar cortical symptoms, iii. 719.
active movements in, iii. 723.
centres of muscular tonicity in cerebellum, iii. 719.
cerebellar reflex movements of vestibular origin in, iii. 724.
incited deviation test, iii. 725.
spontaneous deviation of index finger, iii. 724.
Brain, wounds of, semeiology of cerebellum in, examination of localising cerebellar, critical symptoms, passive movements in, iii. 722.
position of limbs in, iii. 721.
site and nature of wound in, iii. 726.
symptoms of, iii. 727.
associated, iii. 729.
in deep wounds, indirect, iii. 727.
in direct superficial wounds, iii. 727.
in lesions of central gray nuclei, iii. 729.
in lesions of cortex alone, iii. 728.
in lesions of one hemisphere, iii. 728.
in lesions of vermis, iii. 728.
negative, iii. 729.
Brain, wounds of, of frontal lobe, iii. 598.
anatomy of, iii. 598.
complications of, iii. 604.
auditory lesions in, iii. 607.
facial paralysis in, iii. 604.
frontal sinus lesions in, iii. 605.
ocular lesions in, iii. 605.
choroido-retinal, iii. 607.
of macula, iii. 606.
of oculo-motor nerves, iii. 606.
of optic nerve, iii. 605.
diagnosis of, iii. 608.
differentiation of, from wounds of frontal sinus, iii. 603.
extensive, iii. 603.
physiology of, iii. 600.
in animal experimentation, iii. 601.

Brain, wounds of, physiology of, in human pathology, iii. 601.
motor symptoms in, iii. 602.
psychic symptoms in, iii. 602.
symptoms of, iii. 603.
treatment of, iii. 608.
plastic operation in, iii. 608.
of occipital lobe, iii. 679.
anatomy of, iii. 679.
complications of, iii. 703.
course of disorders of vision in, iii. 701.
examination of patient in, iii. 685.
field of vision in, iii. 686.
Brain, wounds of, ocular examination in, iii. 685.
of occipital lobe, field of vision in, types of modification of, iii. 687.
complex defects, iii. 701.
cortical blindness, iii. 691.
hemiachromatopia, iii. 699.
hemiopic scotoma, iii. 696.
homonymous lateral hemiopia, iii. 687.
alexia in, iii. 688.
inferior hemiopia, iii. 691.
etiology of, iii. 691.
horizontal, iii. 692.
quadrantic hemiopia, iii. 694.
localisation of visual area in, iii. 680.
occipital cranio-cerebral topography in, iii. 683.
physiology of visual area in, iii. 682.
radiography in, iii. 702.
site and characters of wound in, iii. 682.
surgical intervention in, iii. 705.
symptoms of, iii. 684.
associated, iii. 702.
alexia, iii. 703.
disturbance of sense of locality, iii. 702.
visual disorders in, frequency of, iii. 678.
of parietal lobe, iii. 642.
anatomy of, iii. 642.
ascending parietal convolution, iii. 642.
first or superior convolution, iii. 643.
second or inferior parietal convolution, iii. 643.
course of, iii. 650.
Brain, wounds of, of parietal lobe, physiology of, iii. 645.
prognosis of, iii. 650–651.
symptoms of, iii. 645.
absence of, iii. 645.
aphasic disorders, iii. 647.
apraxic disorders, iii. 647.
associated, iii. 649.
hemiplegia, iii. 649.
hemiopia, iii. 650.
sensibility disturbances, iii. 646.
perception, iii. 646.
position, iii. 646.
wound in, iii. 645.
of Rolandic area, iii. 610.
anatomy of, iii. 610.
fasciculus geniculatus in, iii. 613.
of central motor tract, iii. 613.
pyramidal tract in, iii. 613.
of central sensory tract, iii. 613.
of Rolandic convolutions, iii. 610.
ascending frontal convolutions, iii. 611.
ascending parietal convolution, iii. 611.
fissure of Rolando, iii. 610.
clinical aspects of, iii. 621.
in cortical cerebral paraplegia, iii. 628.
symptoms of, iii. 628.
spasmodic paraplegia with disorders of coordination of movements, iii. 629.
spasmodic paraplegia with retention of spinal automatism in walking, iii. 629.
wound in, iii. 628.
in facial paralysis of cortical origin, iii. 630.
symptoms of, iii. 630.
wound in, iii. 630.
in hemiplegia, iii. 631.
clinical varieties of, iii. 635.
symptoms of, iii. 632.
deep sensation in, iii. 634.
gait in, iii. 633.
pain sensation in, iii. 634.
paralysis in, iii. 633.
reflexes in, iii. 634.
sensibility disorders in, iii. 634.

Brain, wounds of, clinical aspects of, in hemiplegia, symptoms of, stereognostic test in, iii. 634.
tactile sensation in, iii. 634.
tropic and vasomotor disturbances in, iii. 635.
wound in, iii. 631.
in monoplegias, iii. 621.
brachial monoplegia, iii. 621.
motor disturbances in, iii. 623.
sensory disturbances in, iii. 625.
symptoms of, iii. 621.
vasomotor and trophic disorders in, iii. 626.
crural monoplegia, iii. 627.
motor disturbances in, iii. 627.
reflexes in, iii. 627.
sensory disturbances in, iii. 627.
trophic disturbances in, iii. 628.
wound in, iii. 621.
complications of, iii. 640.
course of, iii. 640.
in hemiplegias, iii. 640.
in monoplegias, iii. 640.
diagnosis of, iii. 637.
differential diagnosis between organic and functional hemiplegias in, iii. 637.
hysterical (functional) hemiplegia in, iii. 637.
organic hemiplegia in, iii. 638.
in face, iii. 638.
in lower limbs, iii. 638.
in thigh and trunk, iii. 639.
in upper limbs, iii. 638.
histology of, iii. 614.
physiology of, iii. 615.
of internal capsule, iii. 618.
of motor zone, iii. 615.
of sensory zone, iii. 616.
site and characteristics of wound in, iii. 619.
clinical observation and, iii. 620.
hemiplegias in, iii. 620.
monoplegias in, iii. 619.
treatment of, iii. 641.
Brain, wounds of, of temporal lobe, iii. 652.
Brain, wounds of, of temporal lobe anatomy of, iii. 652.
convolutions of lobe in, iii. 653.
location of lobe in, iii. 652.
complications of, iii. 660.
lesions of auditory apparatus, iii. 660.
course of, iii. 661.
physiology of, iii. 654.
prognosis of, iii. 661.
symptoms of, iii. 655.
of deep wounds, iii. 658.
in lesions of optic radiation and optic tract, iii. 659.
in lesions of optic thalamus and of cerebral peduncles, iii. 658.
of superficial wounds, iii. 655.
aphasia of Wernicke or sensory aphasia, iii. 657.
cortical deafness, iii. 655.
pure word-deafness, iii. 655.
Brain, wounds of, organic, without fracture of skull, iii. 735.
cerebral concussion in, iii. 738.
diagnosis of, iii. 740.
pathogenesis of, iii. 740.
symptoms of, iii. 738.
cerebral contusion in, iii. 736.
by "contra-coup," symptoms of, iii. 736.
Brain, wounds of, subjective symptoms in, iii. 590.
course of, iii. 595.
differential diagnosis of, and examination for objective organic signs, iii. 593.
in auditory apparatus, iii. 595.
in headache, iii. 593.
in vertigo, iii. 594.
in visual apparatus, iii. 595.
lumbar puncture in, iii. 595.
radiography in, iii. 595.
ordinary syndrome of, iii. 590.
defective memory, iii. 592.
emotional changes, iii. 592.
headache, iii. 590.
insomnia, iii. 592.
vascular phenomena, iii. 592.
vertigo, iii. 591.
pathogenesis of, iii. 592, 596.
treatment of, iii. 596
Brain projectiles, migration of, v. 271
Brand's method of balneotherapy, i 134.
Bréchat on laparotomy, iii. 320.

Brenner, introduction by, of clinical method of unipolar stimulation, vi. 22.
theory and application of the law of electro-physiology, vi. 28.
Bridge, method for anchoring fragments of jaw, iv. 713.
removable, iv. 662.
Brilliant green, iv. 35.
paste, iv. 83–84–85.
Brisac, M., i. 692.
Broca's aphasia, iii. 663, 665, 667.
Broca Hospital, i. 690, 695.
Brocq, i. 519, 527, 594, 612, 690.
Brocq's mother plague, i. 576.
Bronchial fistula in hepatic dysentery, i. 361.
Bronchi, foreign bodies in, v. 258.
Bronchitis, bacilli in, i. 183.
frequent in typhoid fever, i. 39.
with pleuropulmonary congestion in malaria, i. 986.
Broncho-pneumonia and pneumonia as complications in pleuropulmonary infections, vi. 849.
in cholera, i. 393.
in typhoid, i. 39.
Broncho-pulmonary complications in typhus exanthematicus, i. 464.
Broncho-typhoid, i. 9.
Broudardil, susceptibility of army to typhoid fever, ii. 172.
Brown-Sequard's "reflex paralysis," ii. 496.
syndrome, ii. 146, 147 (*note*).
Brunet's grip, v. 487.
Bruning's test, technique of, v. 1012.
Brünner, Vaillard and Vincent, infections theory of cephalic tetanus with ophthalmoplegia, i. 735.
Brush, Duchenne's, use of, for unipolar exploration, vi. 12.
Brushmaker's hook, v. 499.
Buccal exanthem in paratyphoid fever, i. 83.
mucous membrane, lesions of, i. 582.
spirillæ, list of, i. 553.
Bucco-pharyngeal diphtheria in typhus exanthematicus, i. 465.
ulcerations in typhoid fever, i. 27–29.
Bucket, for amputations through thigh, shape of top of, v. 393.
Bucket, for amputations through thigh, slope given to edges of, v. 394.
bearing points for, upon the base, v. 386.
direct end, v. 387.
upon surface of stump, v. 386.
fitting of, in artificial limbs not bearing on ischium, v. 440.
force transmitted to, by stump, v. 383.
leg, v. 447.
materials used in making of, v. 383.
Budapest, epidemic of cholera at, i. 414.
Buguet and Gascard process of localisation, v. 208.
Buisson, case of cephalic tetanus, i. 781.
Bullet, carried 18 years in frontal sinus, iv. 811.
Bullet extractor, early, iv. 778.
Bullet-wounds of abdomen, iii. 332, 334, 335.
of blood vessels, anatomical and physiological consideration of, iii. 1.
of arteries, iii. 1–3.
of both artery and vein, iii. 5.
of multiple lesions by same projectile, iii. 5.
of veins, iii. 3.
anatomical and physiological course of, iii. 10.
differentiation of, from shell wounds, iii. 9.
ischæmic and septic gangrene from, iii. 73.
long range, signs of, iv. 279.
of joints, iv. 7.
Bullets, cased, v. 132.
characteristics of, principal, v. 135-136.
glass, v. 108.
length and weight of, v. 131.
modern, v. 130 *et seq.*
table of characteristics of those used by principal powers, v. 134, 135.
Bullets, conditions of wounds made by, iv. 7.
Bullous syphilides, i. 579.
Bursa, interosseous, serous, iv. 21.
Burns, modern treatment of, ambrine, v. 777.
chloride of iron, v. 785.
liquid paraffin, v. 784.
paraffin, asphalt No. 21, 782.

Burns, modern treatment of, paraffin seven of Major Hull, v. 777.
picric acid, v. 784.
substitute ambrine, v. 783.
Burns and ulceration, cigarette, i. 563.
in war surgery, treatment of, vi. 332.
Buscarlet, v. 677.
Business man, appliance for, in musculo-spiral paralysis, ii. 339.
Buttock, projectiles in, v. 351.
Buttocks, wounds of, iv. 463.

Cacao butter, i. 600.
Cachets, i. 594, 595.
mercurial, i. 597.
proto-iodide of mercury, i. 591.
Renault's formula, i. 597, 598.
Cachexia in second phase of primary paludism in malaria, i. 993.
anæmia in, i. 983.
digestive disturbances in, i. 984.
prognosis in, i. 985.
Cadenat on treatment of abdominal wounds, iii. 305.
Cadenat's apparatus for localising foreign bodies, v. 170.
Caisson disease and shell-shock, comparison of, vi. 531.
Calcifications, errors in diagnosis due to, v. 257.
Calcified glands, v. 121, 257.
Calcium chloride, in antitetanic serotherapy, i. 864.
in local treatment of wounds against tetanus, i. 849.
Calcium hypochlorite tablets for sterilisation of drinking water, i. 237.
Calcium peroxide, distinction of tetanus peroxide by, i. 848.
Calcium sulphate, action of, in body, i. 895.
Callosal puncture in treatment of cerebral hernia, iii. 847.
Callosities, ii. 4.
Callus, excessive, causes of, vi. 430.
formation of, vi. 428.
importance of, vi. 430.
periosteal, in simple lateral displacement, vi. 397.
provisional, of Dupuytren, vi. 397.
Callus, excessive formation of, v. 550–556.
due to defects of bony union, causes of, v. 550.
in infected fractures, v. 552.
Callus, excessive formation of, due to defects of bony union, interference of, with function of neighboring structures, v. 552.
in simple fractures, v. 550.
Callus, formation, iv. 352, 474.
healthy, essential for fracture union, iv. 294.
moulding of, iv. 326.
pathological, iv. 336.
Callus, intermediate, v. 542, 544.
involvement of nerves in, v. 553–556.
provisional, of Dupuytren, v. 542.
Calomel, in dysentery, i. 329.
in syphilis, i. 546, 643, 645.
intravenous injections of, i. 603.
oil, intramuscular injections of, i. 604.
ointment, i. 689.
unsuitability of, i. 546.
Caloric changes in ulnar paralysis, ii. 101.
disorders, ii. 14, 109.
Camphorated oil in medicinal treatment of abdominal wounds, iii. 536.
Camps, general hygiene in, regarding dysentery, i. 373.
regarding typhoid, i. 227.
location of, i. 373.
prophylaxis of, against typhoid fever, i. 227, 246. (*Cf. also* Army, the.)
typhoid injection in, i. 207.
Camptocormia, ii. 737.
differential diagnosis of, ii. 743.
etiology, psychoneuropathic, ii. 740–2.
in relation to Kummel's disease, ii. 743.
Camus, Jean, v. 527.
Capsule, rupture of, iv. 884–885.
Capsulo-periosteal sheath, preservation of, iv. 20.
Carati, M. E., faradisation, ii. 7 (*note*).
Carbolic acid, concentrated in syphilis, i. 546.
in antitoxic treatment of tetanus, i. 880.
mode of action of, i. 882.
results in, i. 881.
Carbolic gargles in syphilis, i. 644.
Cardan joint, v. 506.
Cardiac, cases and vaccination, i. 275.
complications in typhoid fever, i. 146.

Cardiac, diseases, typhoid fever and, i. 19.
disorders in paratyphoid fevers, i. 84.
in syphilis, i. 635.
Cardiac disturbances, ii. 225.
Cardio-vascular syndromes in second phase of primary paludism in malaria, i. 987.
erythromelalgia in, i. 988.
Raynaud's disease in, i. 987.
symmetrical gangrene in, i. 987.
visceral circulation in, disorders of, i. 988.
Carducci's method of administration of quinine in the intervals in secondary paludism of malaria, i. 1051.
Caries of bone, operation on stump in presence of, v. 597.
Carle, i. 509, 510, 568.
statistics of, in syphilis, i. 509, 510, 512, 514, 515.
Carnification in wounds of lung, vi. 702.
Carnot, case of late-appearing tetanus of left upper extremity, i. 765.
Carotid region, projectiles in, v. 335.
Carpal joints, nerve-supply of, ii. 401.
Carphology, i. 60.
Carrel method of indirect transfusion of blood by means of tubes sterilised in paraffin, modified by Bérard, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.
Carrel's apparatus, modifications of, iv. 57.
distributing tubes, iv. 44.
tube for indirect transfusion of blood, iii. 55.
Carrel-Dakin method, iv. 34 *et seq.*
advantages of, iv. 38, 39.
bacteriologic control of wound, iv. 50 *et seq.*
closure of wound after, iv. 52.
employment of, in various types of wounds, iv. 47.
instillation of, iv. 46.
modification of, by Dimond and McQueen, iv. 57.
rules for application of, iv. 54 *et seq.*
Carrel-Dakin method, technical precautions, iv. 47, 48.
Carrel-Dakin solution, strength of, iv. 39.
Carriers, of cholera, i. 419–425.
healthy, i. 421.
of dysentery, i. 347–348, 354, 361–362, 372, 374.
of paratyphoid bacillus, i. 256.
of typhoid, i. 186, 246, 256.
classification of, i. 189.
biliary or fæcal, i. 189.
chronic, i. 189.
urinary, i. 182.
exposure to contagion by, i. 196.
history of epidemics caused by, i. 193.
latent, i. 234.
precautions against, i. 195, 234, 235.
transmission of typhoid contagion by, directly, i. 199–200.
indirectly, i. 523.
syphilitic, i. 523.
isolation of, i. 670.
Carron du Villars on exophthalmos, iv. 872.
Cartilage, unmouldability of, iv. 27.
Cartilaginous grafts, iv. 932, 947, 1003, 1014.
Cased bullets, v. 131, 132.
Cassettes, v. 40.
Castellani, vaccination against cholera, i. 450.
against bacillary dysentery, i. 375.
Catalepsy, cerebellar, iii. 715.
Catarrhal jaundice, i. 66.
Cataract, after contusion of eyeball, iv. 883.
Cataracts, traumatic, iv. 882–885, 985, 988–990.
operation on, iv. 988.
Catenulate and striated nails, ii. 78.
Cathocus form of tetanus (Sauvages), i. 780.
Cathode, definition of, v. 1.
production of electrons from, v. 2.
Cathode pencil, v. 3.
aspect assumed by, v. 7.
Cathode radiation, v. 3.
Cathode rays, effect of on surface impinged by, v. 4.
See also Electrons.
"Cauda equina," ii. 192.
lesions of, ii. 200.
slight lesion, producing incontinence of urine, ii. 815.

Causalgia, ii. 69, 72.
its first observation, ii. 81.
in the hand, ii. 78.
of median nerve, ii. 304, 320.
Cauterisation in syphilis, i. 644.
Cavalié's dictum on treatment of fractured mandible, iv. 670.
technique in bone grafting, iv. 756–757.
Cavities of bone, duration of, v. 692.
methods of packing of, emulsions and pastes of inorganic nature in, v. 668.
antiseptic mixture of Neuber, v. 670.
Delbert's mixture, v. 676.
eugenol paste of Joüon, v. 675.
iodoform paste, v. 669, 670.
paste of Fantino and Valan, v. 674.
salol iodoform, v. 669.
organic material, dead or decalcified bone in, v. 665.
sponges and non-bony substances in, v. 663.
to promote desirable action of soft parts, v. 687.
operation for obliteration of, technique of, v. 638. *See* Cavities and Tunnels in Bone.
Cavities and tunnels in bone, operation for, v. 678.
complete removal of wall of bony cavity exposed by operation, v. 684.
exploration of other sinuses, v. 681.
immobilisation, v. 683.
in ankylosis of joints with sinuses present, leading to epiphyses, v. 698.
incision, v. 678.
in epiphyses and short bones, v. 696.
in flat bones, v. 698.
in large wound with moderate suppuration, v. 704.
in presence of foreign bodies in or near bone, v. 702.
in shaft of bone surrounded by thick mass of muscle, as in femur and humerus, v. 694.
in shaft of long bone with extensive subcutaneous surface or border, v. 693.
opening up large groove or furrow in bone, v. 678.
removal of granulations, v. 680.
Cavities and tunnels in bone, time of, v. 705.
utilisation of soft parts, v. 686.
immediate collapse of soft parts against floor of newly formed groove, v. 690.
by packing, v. 687.
Cawadias, vaccination against cholera, i. 450.
Cazin, v. 663, 664.
Cell-battery, use of, in preference to battery of accumulators, vi. 4.
Cell-batteries, portable, vi. 5.
Cells of the Leclanché type, popularity of, vi. 4.
Cellular tissue (subcutaneous) in lesions with peripheral nerves, ii. 213.
Cellulitis, iv. 877–878.
Cerebral substances, loss of, by fractures, iv. 959–960, 963, 965, 977, 979.
Central nervous system, changes in, in shell shock, ii. 864.
Central pharmacy for Military Hospitals tabloids, i. 597.
Centres, dermato-syphilographic, i. 676, 677.
for treating civilians for syphilis, i. 690.
medical inspection in, i. 673.
venereological, i. 676, 677.
Centrifugal impulse (vulpian), ii. 569.
Centring the joint, v. 58.
Centripetal filaments, irritation of, ii. 573.
C. G. S. system, v. 26 (note).
Cephalagia, importance of, vi. 462.
Cephalic sympathetic, irritation of, ii. 222.
Cephalic tetanus, i. 707, 709.
case of late-appearing, Henri Bouquet, i. 770.
non-paralytic, i. 709.
summary of, i. 914.
paralytic, summary of, i. 915.
varieties of, i. 707–708.
Cephalic tetanus with facial paralysis, i. 712.
age and sex in occurrence of, i. 715.
antitetanic injection of wound in, i. 728.
bacteriology of, i. 726.
characteristics of, i. 712.
clinical picture in, i. 715.
diagnosis of, i. 727.
from tic douloureux, i. 727.

Cephalic tetanus with facial paralysis, diagnosis of, from traumatic spasms, i. 727–728.
in infections wounds of face, i. 728.
in unilateral symptoms, i. 727.
duration of, i. 726.
etiology and frequency of, i. 714.
facial paralysis in, i. 721.
clinical characters in, i. 721.
in complete peripheral facial paralysis, i. 722.
in lower facial type, i. 722.
in superior facial type, i. 723.
in total facial paralysis, i. 723.
commencement of, i. 721.
development of, i. 724.
diagnosis of, i. 724.
pathogenesis of, i. 725.
prognosis in, i. 724.
situation of, i. 721.
fever in, i. 725.
history of, i. 713.
incubation in, i. 718.
individual signs in, i. 717.
muscular contractions in, i. 719.
degree of, i. 719.
extension of, i. 720.
in paralysed muscles, i. 719.
in side not paralysed, i. 720.
prognosis of, i. 726.
situation of wound in, i. 717.
trismus in, i. 718.
Cephalic tetanus with ophthalmoplegia, i. 279, 731.
clinical manifestations of, i. 731.
initial symptoms in, i. 731.
pupillary disorders in, i. 734.
situation of ophthalmoplegia in, i. 734.
symptoms of ophthalmoplegia in, i. 731.
diagnosis of, i. 737.
false ophthalmoplegia in, i. 737.
constancy of spasms in, i. 738.
hystero-traumatism in, i. 740.
in lesions of meningeal origin, i. 738.
cerebro-spinal meningitis in, i. 738.
tubercular meningitis in, i. 738.
in traumatic lesions, i. 739.
fracture of orbit and base of skull in, i. 739.
etiology of, i. 730.
occupation, age, sex in, i. 730.
seat of infection in, i. 730.
Cephalic tetanus with ophthalmoplegia, history of, i. 729.
pathogenesis of, i. 735.
theories of, i. 735–746.
through medium of motor nerves of the face, i. 736.
through medium of trigeminal nerve, i. 736.
prognosis of, i. 741.
summary of, i. 916.
Cephalic tetanus without paralysis, dysphagic, i. 710.
hydrophobic, i. 711.
pure, i. 710.
simple, i. 710.
Cephalic tetanus with paralysis of the hypoglossal nerve, i. 742.
course of, i. 742.
signs and symptoms of, i. 742.
facial paralysis in, i. 743.
ophthalmoplegia in, i. 743.
trismus and dysphagia in, i. 742.
summary of, i. 916.
Cereal decoctions in typhoid fever, i. 129.
Cerebellar tumors, disturbances of hearing and of equilibriation in, vi. 584.
lumbar puncture in, vi. 584.
Cerebellum, wounds of, iii. 706.
anatomy of cerebellum in, iii. 706.
cerebellar tracts in, iii. 707.
morphology in, iii. 707.
situation and connections in, iii. 706.
course of, iii. 729.
differential diagnosis of, iii. 730.
labyrinthine syndrome following, iii. 730.
functional symptoms in, iii. 731.
objective symptoms in, iii. 731.
vestibular tests in, iii. 732.
Babinski's voltaic vertigo test, iii. 733.
Barany's caloric test, iii. 733.
rotation test, iii. 733.
spontaneous nystagmus test, iii. 732.
wounds of vestibular labyrinth in, iii. 730.
physiology of, iii. 709.
animal experiments in, iii. 709.
semeiology of cerebellum in, iii. 711.
classical tests in, iii. 711.
equilibrium in repose, iii. 711.
objective characters of equilibrium, iii. 711.

Cerebellum, wounds of, semeiology of cerebellum in, classical tests in, equilibrium in repose, subjective disorders of equilibrium, iii. 711.
kinetic equilibrium, iii. 712.
gait in, iii. 712.
exaggerated movements (hypermetria), iii. 713.
in lower limb, iii. 714.
in upper limb, iii. 713.
examination of Babinski's cerebellar syndrome in, iii. 713.
adiadococinesia, iii. 715.
cerebellar asynergia, iii. 716.
intentional tremor in, iii. 717.
cerebellar catalepsy, iii. 715.
disorders of speech, iii. 719.
disorders of writing, iii. 718.
examination of localising cerebellar cortical symptoms, iii. 719.
active movements in, iii. 723.
centres of muscular tonicity in cerebellum and, iii. 719.
cerebellar reflex movements of vestibular origin in, iii. 724.
incited deviation test: reflex movements of limbs, iii. 725.
spontaneous deviation of index finger, iii. 724.
passive movements in, iii. 722.
position of limbs in, iii. 721.
site and nature of wound in, iii. 726.
symptoms of, iii. 727.
associated, iii. 729.
in deep wounds, indirect, iii. 727.
in direct superficial wounds, iii. 727.
in lesions of central gray nuclei, iii. 729.
in lesions of one hemisphere, iii. 728.
in lesions of vermis, iii. 728.
negative, iii. 729.
Cerebral abscess. *See* Abscess of brain.
cerebral hernia due to, iii. 847.
complicating wounds of skull, iii. 845.
in cases with missile long extracted, iii. 846–847.
in cases with retained missile, iii. 846.
in superficial wound with no projectile enclosed, iii. 846.
Cerebral concussion, iii. 738.
diagnosis of, iii. 740.
pathogenesis of, iii. 740.
symptoms of, iii. 738.
immediate, iii. 738.
organic sequelæ, iii. 739.
Cerebral contusion, iii. 736.
by "contre-coup," symptoms of, iii. 736.
in frontal region, iii. 737.
in occipital region, iii. 737.
in temporo-parietal region, iii. 737.
in vertex, iii. 737.
Cerebral disorders, etiology of, vi. 476.
military consequences of, vi. 475, 476.
Cerebral excitement and mania, vi. 542.
Cerebral form of pernicious attacks in second phase of primary paludism in malaria, i. 999.
apoplectic, isolation type of, i. 999.
convulsive meningeal type of, i. 1000.
Cerebral hernia complicating wounds of skull, iii. 845.
course of, iii. 849.
etiology of, iii. 847.
cerebral abscess, i. 847.
hypertension of cerebro-spinal fluid, iii. 847.
œdema of brain, iii. 849.
prophylaxis against, iii. 849–850.
treatment of, iii. 850.
"Cerebral insufficiency" (Mézie), ii. 513.
Cerebral substances, loss of, by fractures, iv. 959–960, 963, 965, 977, 979.
Cerebral tumors, differentiated from mental confusion, vi. 584.
mental disorders in, vi. 584.
Cerebro-meningeal symptoms in syphilis, i. 585.
Cerebro-spinal fluid in camptocormia, ii. 731.
pressure, in severe concussion, ii. 848.
variation in tension, ii. 450.
galvanism in shell shock, ii. 866.
nerves, nerve fibre of, ii. 232.
Cerebro-spinal fluid, hypertension of, in cerebral hernia, iii. 847.
in wounds of brain, iii. 588.
Cerebro-spinal lymphocytosis in syphilis, i. 580, 586.

Cerebro-spinal meningitis, differentiated from paraplegic form of local tetanus, i. 809.
from typhus, i. 469.
paralytic manifestations of, i. 738.
Cerebro-spinal meningitis, epidemic, vi. 551.
Cervical and Brachial plexuses, anatomy of, ii. 123.
distribution of motor nerves of, ii. 142–4.
plexus superficial, ii. 126.
transverse cervical branch, ii. 126.
sympathetic nerve, ii. 227, 228.
Cervical sympathetic, section of the, iv. 921–924.
Cervico-facial nerve, ii. 222.
Cestan's use of radiotherapy, ii. 327.
Chabaud tube, v. 6, 20, 73.
Chalier on laparotomy, iii. 319.
Chalons, dysentery at, i. 353, 373.
Chancre, in typhoid, i. 20.
Chancre, syphilitic, i. 536.
characteristics of, i. 537, 538, 545.
commencement of, i. 538.
diagnosis of, i. 545.
complement fixation test in, i. 554.
evolution of chancre and, i. 547.
laboratory aid in, i. 549.
objective signs in, i. 545.
parasite in, examination for, i. 549.
patient's antecedents in, i. 547.
secondary-symptoms in, i. 547.
Wassermann reaction in, i. 554.
diagnostic elements of, i. 545.
diagnostic importance of, i. 545.
differential diagnosis of, i. 557.
from common excoriations of genital organs, i. 562.
from ecthyma, i. 561.
from epithelioma, i. 564.
from erosive and ulcerous balanitis, i. 564.
from gangrene of genital organs, i. 562.
from genital herpes, i. 557.
from pseudo-chancre, i. 566.
from mucous plaques, i. 564.
from scabies, i. 561.
from simple chancre, i. 558.
from tertiary ulcerations, i. 565.
from ulcerations induced with object of simulation, i. 563.
dwarf, i. 540.
Chancre, syphilitic, effect of, i. 544.
evolution of, i. 543.
extragenital, i. 568.
giant, i. 540.
in children, i. 522.
in rosette, i. 539.
incubation period of, i. 536, 537, 560.
indurated, i. 540.
infective, i. 564.
infiltration and tumefaction of, i 542.
inoculation of, i. 542.
localisation of, syphilitic, i. 537.
mixed, i. 561.
multiple, i. 542, 559.
novarsenobenzol and, i. 619.
of beard, etc., i. 568.
of lip, i. 568, 569, 643, 644.
of tonsil, i. 570, 571, 644.
of urethra, i. 643.
prostitutes and, i. 695.
recurrent, i. 567.
results of inoculation, i. 542.
scabous, i. 539.
simple, i. 557, 558, 559, 560.
inoculation of, i. 559.
single, i. 542.
stage of maturity of, i. 538.
treatment of, i. 642, 643.
unsuitable remedies applied to, i. 545, 546.
Chancrous induration, i. 562.
Chancriform sulphides, i. 565.
Chantemesse's ophthalmo-reaction in typhoid, i. 105.
serum therapy, i. 148.
Chaput on laparotomy, iii. 270, 271, 272–273, 315.
Charcot and Vulpian on reflex amyotrophies, ii. 565.
on pathogeny of reflex disorders, ii. 566–7.
"*phase de meditation*," *of*, ii. 715.
definition of "reflex," ii. 495.
Chassepot, v. 130.
Chauffeur's bell, v. 505.
Chauveau, experiments of, vi. 57.
introduction by, of unipolar method of stimulation in physiology, vi. 22.
neutral point, vi. 26.
Chauvel on orbital fractures, iv. 783–784.
Chavannaz on laparotomy, iii. 308.
Chavigny on hysteria and simulation, ii. 622.

Cheeks, mucous membrane of, lesions in secondary syphilis, i. 583.
Cheloid, eccentric or lateral, ii. 247.
of the axis-cylinder, ii. 241.
Chemical action in muscle (Richet), ii. 577.
Chemical regulators, v. 16.
Chest, infections of, diagnosis of, vi. 849.
open wounds of, method of closing pleura in, vi. 811.
method of procedure in, vi. 812.
shirt-stud method of plugging, vi. 814.
wounds of, complicated by hernia of lung, vi. 764.
decompression treatment in, vi. 804.
effusion of blood as complication in, vi. 706.
etiology of, vi. 677.
examination in, vi. 746.
frequency of, vi. 677.
hæmostatic treatment in, vi. 804.
hernia of lung as a complication in, vi. 821.
infective complications in, degrees of virulence in, vi. 851.
surgical measures in, vi. 852.
treatment of, vi. 851.
parietal wounds in, treatment of, vi. 864.
physical signs of, vi. 746.
pneumothorax as complication in, vi. 706.
prognosis of, vi. 764.
Chest, wounds of, secondary hæmothorax as a complication in, vi. 767.
subcutaneous emphysema as a complication of chest wounds, vi. 823.
traumatic agent in, vi. 678.
treatment of, vi. 784.
treatment of mechanical complications in, vi. 821.
with early infection, mortality in, vi. 851.
with late sepsis, prognosis in, vi. 851.
war wounds of, associated injuries of serious cavities in, vi. 772.
empyema in, results of drainage in, vi. 861.
fractures of bones of chest wall as a complication in, vi. 769.
Chest, war wounds of, injuries to heart and lungs in, vi. 773.
prognosis in, vi. 864.
severe cases of, immediate intervention in, vi. 797.
prognosis in, vi. 797.
statistics in, vi. 864.
subcutaneous emphysema as a complication in, vi. 768.
thoraco-abdominal wounds as a complication in, vi. 773.
valvular pneumothorax as a complication in, vi. 769.
wounds of spinal cord as a complication in, vi. 772.
Chevassu on abstention methods in abdominal wounds, iii. 321, 322, 323.
Cheyne on laparotomy, iii. 280.
Childhood, typhoid fever in, i. 14.
Children contaminated by syphilis, i. 522.
mortality of, in typhoid fever, i. 180.
susceptibility of, to typhoid fever, i. 180.
Chills, avoidance of, i. 369.
Chilodon dentatus, i. 367–368.
China ink, injected under skin, for localising important points on skin, v. 90.
Chinese ink method, i. 551.
Chinese shadowgraphs, v. 29.
Chino-Japanese War, dysentery, in, i. 340.
laparotomy in, iii. 278.
Chirurgical Society on early intervention in wounds of abdomen, iii. 327.
Chloral in tetanus, i. 889.
administration of, by mouth, i. 890.
by rectum, i. 893.
poisoning by, phenomena of, i. 891.
eruptions in, i. 892.
disorders of nutrition in, i. 892.
nervous disorders in, i. 893.
results of, i. 889.
Chloramin paste, application of, iv. 63.
preparation of, iv. 63.
Chloramin solution, preparation of, iv. 62.
Chlorate of potash solution, i. 667.
Chloride of iron, in treatment of burns, v. 785.
Chlorinated eucalyptol, preparation of, iv. 60.

Chlorinated paraffin oil, preparation of, iv. 60.
Chlorine for sterilisation of drinking water, i. 237.
Chlorine gas poisoning, venesection in, v. 775.
Chlorodyne in treatment of cholera, i. 404–405.
Chloroform, justification for putting patient under, ii. 503.
narcosis, ii. 364.
examination under, ii. 563.
in shell shock, ii. 868.
observations under, ii. 651, 659 *et seq.*
reflex contracture under, ii. 503–5.
"Choked disc," iv. 964.
Cholecystitis in typhoid, i. 67.
Cholera, antimonial, i. 398.
Cholera, arsenical, i. 398.
blue, i. 388.
cyanotic, i. 388.
dry, i. 381.
nostas, i. 94.
Cholera, Asiatic, i. 353, 379.
accidents, complicating, i. 392.
chronic diarrhœa, i. 392.
gangrene, i. 392.
cutaneous, i. 392.
of extremities, i. 392.
visceral, i. 392.
jaundice, i. 393.
nervous accidents, i. 393.
pulmonary complications, i. 393.
broncho-pneumonia, i. 393.
pneumonia, i. 393.
secondary infections, i. 394.
algidity of, i. 383–384, 387–389.
clinical forms of, i. 394, 395–396.
according to evolution of disease, i. 394.
cholera, i. 395.
choleraic diarrhœa, i. 394.
cholerine, i. 395.
according to epidemics, i. 397.
as affected by age of patient, i. 395.
as affected by pathological condition, i. 396.
as affecting physical conditions of woman, i. 396.
lactation, i. 396.
menstruation, i. 396.
pregnancy, i. 396.
complications of, i. 392–394.
cramps in, i. 383.
diagnosis of, i. 398–403.
Cholera, Asiatic, diagnosis of, as to causative agent, i. 399.
bacteriological examination in, i. 400.
identification of vibrio in, i. 402.
by agglutination text, i. 403.
by appearance of cultures on gelatine, i. 402.
by inoculation, i. 403.
by microscopical examination, i. 402.
by nitrous-indol reaction test, i. 402.
search and isolation of vibrio in, i. 400.
differential diagnosis of, i. 398.
from chemical poisoning, i. 398.
from food poisoning, i. 399.
from poisonous fungi, i. 398.
from pernicious algid access, i. 397.
epidemiology of, i. 409–412.
etiology of, i. 413.
determining causes in: cholera vibrio, i. 416.
invasion of, in body, i. 416.
transmission of, by cholerine patients, i. 418.
by fæces and vomit, i. 416.
by healthy carriers, i. 419.
by recovered patients, i. 419.
rapidity of, i. 417.
favoring factors in, i. 413.
age and race, i. 413.
alcoholism, i. 413.
hot weather, i. 414.
modes of propagation of cholera vibrios in, i. 426.
by direct transmission, i. 426.
survival of vibrio in dejecta in, i. 427.
survival of vibrio in other media, i. 427.
effect of moisture on, i. 428.
by indirect agents, i. 428.
by clothing, i. 430.
by bilgewater, i. 435.
by corpses, i. 430.
by drinking water on ships, i. 436.
by earthworms, i. 435.
by fish, i. 435.
by footwear, i. 435.
by milk, i. 436.
by oysters, i. 435.
by water, i. 431.

Cholera, Asiatic, etiology of, by direct transmission, by indirect agents, by water, contamination of, i. 434.
effect of sunlight on, i. 431.
for drinking, 433.
marine salt in, 434.
mud of rivers, wells, etc., in, i. 432–433.
sources of contamination of, i. 432.
Cholera, Asiatic, evacuation of, i. 381–382.
Foudroyant form of, i. 395.
history of, i. 409.
in typhoid fever, i. 18.
lactation in, i. 396.
menstruation and, i. 396.
pregnancy in, i. 396.
prophylaxis of, i. 438–453.
against vibrio, i. 439.
bacteriological examination in, i. 440.
cultivation and examination of, i. 441.
identification of, i. 441.
sanitary regulations regarding, i. 442.
immediate procedure in first cases in, i. 442.
care of patient, i. 443.
compulsory notification in, i. 445.
disinfection in, i. 444.
regarding ships and travelers, i. 444.
saline purgatives in, i. 446.
supervision in, i. 443.
on board warships, i. 438.
Cholera, Asiatic, prophylaxis of, regarding contagion, i. 446.
regarding favoring causes, i. 438.
vaccination in, i. 448.
reaction after, i. 389–392.
relapses of, i. 394.
symptomatology of, i. 379–397.
cholera syndrome in, i. 379.
clinical manifestations in, 379.
choleraic period in, 380.
algid phase in, i. 383.
disorders of absorption in, i. 386.
disorders of circulation in, i. 384.
disorders of respiration and phonation in, i. 385.
disorders of secretion in, i. 386.
Cholera, Asiatic, symptomatology of, clinical manifestations in, choleraic period in, algid phase in, disorders of temperature in, i. 383.
external appearances of patient in, i. 387.
phase of evacuation in, i. 380.
cramps in, i. 383.
diarrhœa in, i. 380.
vomiting in, i. 383.
initial period or period of invasion in, i. 380.
diarrhœa in, i. 380.
period of incubation in, i. 379.
period of reaction in, i. 389.
abortive reaction, i. 390.
regular reaction, i. 389.
typhoid state, i. 391.
treatment of, i. 404.
expectant symptomatic, i. 404.
for algidity, i. 406.
for asphyxia, i. 406.
for cramps, i. 405.
for premonitory diarrhœa, i. 404.
for vomiting, i. 405.
of Manson, i. 404.
rational, by restoration of liquid lost, i. 406.
enterochysis in, i. 406.
hyperdermochysis in, i. 406.
venous transfusion in, i. 407.
vomiting in, i. 382.
women, affected by, i. 396.
Cholera, pallid, i. 388.
stibial, i. 398.
vibrio, i. 379, 399–403, 413–437.
Choleraic diarrhœa, i. 394–395.
dysentery, i. 300.
Choleriform attacks in second phase of primary paludism, i. 979.
Cholerine, i. 395.
cholera infection from, i. 418.
Cholesterin in antitoxic treatment of tetanus, i. 884.
Cholesteatoma, v. 831.
treatment of, v. 839.
Chopart's operation, iv. 261.
Chorea, rhythmic, ii. 590.
Choreiform movements, tics and tremors, ii. 765 *et seq.*
Choroid lesions, iv. 852, 891 *et seq.*
by laceration and contusion, iv. 828–829.
clinical laws relating to, iv. 905.
laceration by concussion, iv. 831.
localisation of injury, iv. 908.

Choroid lesions, mixed lesions, iv. 907.
rupture by contusion, iv. 900–904.
rupture by grazing, iv. 853.
various causes and kinds of lesions, iv. 891–899.
Choroidal hæmorrhages and detachment, iv. 909.
rupture, iv. 892–894.
indirect, iv. 896 *et seq.*
Choroiditis, i. 587.
Choroido-retinal lesions in wounds of frontal lobe, iii. 607.
Choroido-retinitis, a lesion characteristic of present war, iv. 1016.
morbid type of, iv. 1016.
ophthlamoscopic appearance in, iv. 912.
traumatic, proliferating, iv. 910 *et seq.*
Chronaxie, vi. 98, 108.
measurement of, vi. 111, 113.
of Lapicque, vi. 111.
Chronaximeter, Lapicque's, vi. 113.
use of, vi. 115.
Chronic scrofulous ulcerations, i. 531.
Chyme, in neuropathic vomiting, ii. 818.
Cicatricial tetanus, i. 786.
Cicatrices and callosities, examination for, ii. 4.
Cicatricial topo-paræsthesia, ii. 257, 296.
Cigarette burns and ulceration, i. 563.
Cigarette-drain for head wounds, iii. 840.
Circulation, the, in cholera, i. 384–385.
Circulation, peripheral, technique in investigation, ii. 534.
Circulatory apparatus, in shell-shock, vi. 531
Circulatory disorders, ii. 822.
and trophic disturbances, hypothesis, ii. 419.
Circulatory system, neuroses of, and malingering, vi. 608.
Circulatory system, the, in typhoid fever, i. 41 *et seq.*
Circulars on precautionary measures in syphilis, i. 670, 672, 673, 679, 680, 681, 692.
Circumflex nerve, the, ii. 120, 124.
functions of, ii. 397.
Circumflex paralysis, surgical indications in, vi. 377.
Cirrhosis, acute, i. 635.
Civatte, i. 527.
Civil war, laparotomy in, iii. 277.
Civil war, typhoid fever in, i. 160.
Civilians and syphilis, i. 518, 520.
centres for treating, i. 690.
Clandestine prostitutes and public register, i. 702.
and treatment, i. 694.
Clapper test, ii. 48.
Claude and Lhermitte, cases of attenuated form of local tetanus with slow development and prolonged incubation, i. 817.
Claudication, hysterical, ii. 469.
minute examination necessary in every case, ii. 470.
symptoms of, ii. 851.
Clavicle, fractures of, frequency of, vi. 685.
Clavus hystericus, ii. 412.
"Claw-hand," ii. 93, 96, 102, 464, 465.
appliances for, ii. 345.
signs of regeneration, ii. 300.
Claw-toe, following lesion of great sciatic, ii. 394, 521.
Cleansing, immediate, essential in treatment of fractures, iv. 314.
Clenched-fist sign, the, ii. 68.
Clermont on laparotomy, iii. 321.
Climate and typhoid fever, i. 166.
Clinical course in:
fracture of humerus, neck of, iv. 378.
shaft of humerus, iv. 408.
subdeltoid fracture, iv. 401.
supracondylar fracture, iv. 434.
fractures of forearm above elbow joint, iv. 442.
just above wrist, iv. 461.
shaft, iv. 448.
fracture of shaft of radius, iv. 466.
lower radial epiphysis, iv. 477.
fracture of ulna, iv. 485.
fractures of femur, shaft, iv. 510.
subtrochanteric, iv. 495.
supracondylar, iv. 548.
fractures of leg, shafts, iv. 555.
supramalleolar fractures, iv. 570.
Clinic, Tarnier, i. 529, 530.
table of confinements in, i. 530.
Clonus, epileptoid, vi. 357.
Clonus reflexes in wounds of brain, iii. 574.
ankle, iii. 574.
patellar, iii. 575.
Closure of jaws, iv. 646.
indemnity for, iv. 771.

Clothing particles, carried by projectile, iv. 1.
Clothing in syphilis infection, i. 667.
transmission of cholera vibrio by, i. 430, 435.
of dysentery by, i. 354.
typhoid infection from, i. 205.
Club-foot, ii. 378, 464, 521.
Club-foot from contracture, vi. 360.
clinical characteristics, vi. 361.
period of regeneration in, vi. 375.
treatment of, vi. 368, 384.
Cluzet's condenser of variable capacity, description of, vi. 14.
Cocadylate of soda with quinine in treatment of malaria, i. 1052.
Cocca-bacillary dysentery, i. 309.
Cochlear reflexes, cochleo-phonatory, v. 972.
cochleo-pupillary, v. 977.
Cochin hospital, i. 685.
Codex formula, i. 603.
Cohen on laparotomy, iii. 288.
Coil, sledge, vi. 2, 3.
Colardeau process of radiographic localisation, v. 209.
Colardeau and Richard stereoscope, v. 239.
Cold, an aid to development of tetanus, i. 832.
prevention against, in treatment of tetanus, i. 845.
vitality of dysentery baccilli in, i. 351, 352.
Cold air refrigeration, i. 139.
and wet, predisposing to tetanus, i. 921.
Cold, as a factor in mental depression, vi. 483.
insensibility to, ii. 252.
sensibility to, ii. 146, 258.
water test for hyperexcitability of muscles, ii. 538, 541.
Cold douche in treatment of psychoneuroses, ii. 881.
Cold-water compresses, i. 138.
Colitis, mercurial, i. 663, 664.
Collargol, i. 143.
use of, in wounds, iv. 76.
Collector, use of, as an appliance for graduation, vi. 5.
Colles and Follin, cases of tetanus with traumatic spasms, i. 727.
Collet's hemiplegic syndrome, ii. 227.
Colloidal metals in antitoxic treatment of tetanus, i. 883.
"Colmatage," iv. 991.
Colon, ascending and descending, wounds of, healing spontaneously, iii. 348.
not healing spontaneously, iii. 364.
rupture of, iv. 187.
not healing spontaneously, iii. 363.
transverse, wounds of, healing spontaneously, iii. 350.
Colostomy in abdominal wounds, iii. 539.
Coma in shell-shock, vi. 508.
Combined mechanism for knee and ankle joints, v. 435.
Combined suspension for artificial leg, v. 406.
Comma bacillus, i. 379.
Commissural nerve, iv. 794.
Commotio cerebralis, ii. 852.
symptoms of, ii. 854.
Commotion, ii. 438.
"Commotionné," ii. 852.
Communicans peronei, ii. 156.
tibialis, ii. 158.
Commutator, Watteville's, use of, in connection with electrodiagnosis tables, vi. 10.
Compass, v. 166, 287, 322 *et seq.*
Belot, v. 167.
bibliography, v. 214 (note).
Cadenat apparatus, v. 170.
Debierne, v. 167.
difficulties and causes of failure of, v. 289.
in extraction of projec iles, attitude for, v. 289.
description of, v. 287.
difficulties and causes of failure of, v. 289.
elasticity of tissues and muscular tonicity in, v. 290.
failures irremediable in, v. 291.
Hirtz, v. 174, 207, 214, 234, 287, 294.
interpretation of plate, v. 216.
for radiographic localisation of projectiles, v. 214.
instruction not to separate lips of wound, v. 290.
Marion-Danion, v. 294.
mobile, v. 291.
muscular relaxation in, v. 289.
Saissi, v. 170, 294.
in localisation of projectiles, v. 166.
radiographic, v. 214.
regulation of, v. 218.
particularities concerning, v. 294.

Compass, regulation of, v. 218, 219.
sector-guide of Grandgérard, v. 169
sterilisation of, v. 288.
surgical occasions for use of, v. 287.
Complement, fixation of, in syphilis, i 554.
in test for typhoid affections, i. 121.
Complete ankylosis, vi. 217.
joint resection in, vi. 219, 227.
of knee joint, vi. 223.
Complete bony ankylosis, vi. 217.
Complete mandibular fractures, iv. 602–603.
Complete osteomyelitis, time as factor in sterilisation of healed foci of, vi. 228.
Complete section, ii. (*See* Section.)
Complete synostosis, vi. 221.
Complex paralysis of plexus, ii. 135.
Complications of the eye, iv. 970–992.
Compound fractures, clinical study of, v. 625–647.
pathology of, v. 611–618.
radiographic study of, v. 619–624.
Compressed tabloids in syphilis, i. 597.
Compresses in typhoid, i. 138.
Compression, direct for closure of wounds of blood vessels, iii. 32.
Compression, syndromes of, ii. 284, 285.
Compromise of race, i. 523.
Compulsory antityphoid vaccination, i. 242, 286.
Compulsory notification in cholera, i. 445.
in dysentery, i. 370, 372.
of typhoid and paratyphoid fevers, i. 233, 262.
Conclusions in regard to the eye, iv. 1015.
Concussion and emotion, pathogenic factors, ii. 833.
cerebral, psychical disorders in, ii. 844.
direct, ii. 861.
indirect, ii. 871.
nervous, nature of, ii. 860.
Concussion of brain, iii. 738.
diagnosis of, iii. 740.
pathogenesis of, iii. 735.
symptoms of, iii. 738.
immediate, iii. 738.
organic sequelæ, iii. 739.
Concussion lesions of eye, iv. 1015.
"Concussion syndrome," ii. 851.
Condenser, Cluzet's, of variable capacity, description of, vi. 14.
duration of discharge from, vi. 14.
method of, of variable capacity, vi. 13.
of variable capacity, vi. 14, 104.
technique of method employing, vi. 106.
use of in electro-diagnosis, vi. 2, 13, 104.
Conductivity, dissociation of, vi. 17.
function of, vi. 17.
in reaction of motor nerves and muscles, vi. 16, 17.
reaction of, vi. 125.
Condyles of femur, amputation through, v. 440.
Condyloma latum, i. 582.
Confinements in Tarnier Clinic, i. 530.
Confusion, acute, mental, military crimes in, vi. 616.
amnesic, medico-legal problems in, vi. 474.
amnesic mental, vi. 471.
chronic mental, vi. 559.
following shell-shock, vi. 561.
in toxic and emotional infections, vi. 559.
symptoms analogous to premature dementia, vi. 561.
excited mental, differentiated from mania, vi. 477.
differentiated from polymorphous delirium, vi. 479.
hallucinatory mental, causes of, vi. 465.
danger of cases of, in war, vi. 466.
delirium in, vi. 464.
mental, in shell-shock, vi. 511.
mental, absence of, in hysteria, vi. 592.
ague as a cause of, vi. 553.
amnesia in termination of, vi. 473.
automatism as a factor in, vi. 479.
differentiated from dementia, vi. 478.
differentiated from general paralysis, vi. 478.
disintoxication in treatment of, vi. 480.
in shell-shock, vi. 505, 511, 517.
meningeal tuberculosis and, vi. 554.
treatment of, vi. 479
with stupor, vi. 465.

Confusion, simple mental, vi. 462.
characteristic of, vi. 462.
symptoms of, vi. 462.
Confusion and obtusion, ii. 836.
amnesic form, ii. 837.
aprosexic form, ii. 837.
Confusional states, ii. 835.
Confusions, mental, vi. 461.
alcohol in connection with, vi. 477.
clinical summary, vi. 475.
diagnosis of, vi. 478.
etiology of, vi. 476.
importance of sleep in, vi. 462.
intermediary stages, vi. 463.
military consequences of, vi. 475.
of peace time, etiology of, vi. 476.
of war, etiology of, vi. 476.
prodromic period of, vi. 461.
rest in treatment of, vi. 479.
"Congealed hand," ii. 47, 48, 361, 362, 367, 378, 506, 509.
psychopathic state accompanying, ii. 380, 506, 513.
symptomatology, ii. 363.
Congenital syphilis, retarded, i. 531.
Congestion, fits of, as subjective symptom in traumatic cerebral lesions, vi. 580.
localised, in pleuro-pulmonary wounds, vi. 777.
massive pulmonary, in pleuro-pulmonary wounds, vi. 778.
Conjunctival *culs de sac*, restoration of, iv. 994–996.
Con ergue on treatment of addominal wounds, iii. 287.
Consolidation, iv. 409.
delayed, iv. 383.
Constantinople conference on cholera, i. 379.
Constipation in typhoid, i. 144.
Constriction, ii. 372, 378.
Consultations in syphilis, i. 690.
Contact lesions of eye, iv. 1016.
Contagion, cured by, ii. 443.
Contagion in amœbic dysentery, i. 360–361.
in cholera, i. 417–437.
in dysentery, i. 345–349.
indirect, i. 349–357.
in syphilis, in army, origin of, i. 509.
isolation in, i. 675.
munition works and, i. 517.
in treatment of tetanus, i. 851.
in typhoid, by food, i. 257.
direct, i. 198 *et seq.*
Contagion in amœbic dysentery, in typhoid, due to meat, i. 258.
factors of, i. 179 *et seq.*
in the trenches, i. 250.
indirect, i. 201.
by patients or carriers, i. 204 *et seq.*
Vincent's dictum on, i. 199.
Contagious diseases, notification of, i. 234.
Contamination in syphilis, army zone, i. 514, 515, 698.
in base zone, i. 699.
in depots and, i. 516.
in rest zone, i. 698.
of children, i. 522.
of women by their husbands, i. 521.
statistics showing source of, i. 512.
non-venereal, i. 507, 509.
statistics of venereal, i. 507, 508.
typhoid, i. 261.
Contamination of wounds, extirpation of, iv. 36.
Continued treatment in syphilis, i. 642, 649, 650, 651.
Continuous current, the, ii. 324.
Continuous electro-magnets, v. 359.
Contraction, Boudet's theory of, vi. 27.
brisk, vi. 77.
Chauveau's theory of variation in amplitude of, vi. 26.
galvanotonic, vi. 26, 61, 62, 63, 76.
Remak's, vi. 21.
law of, vi. 21.
maximal, in electrical stimulation of muscles, vi. 16.
minimal, in electrical stimulation of muscles, vi. 15.
muscular, conditions interfering with, vi. 334.
Pflüger's law of, vi. 22.
prolongation of, vi. 78.
Remak's galvanotonic, vi. 21.
slowed, production of, vi. 79.
slowing of, vi. 59, 76, 77.
Contraction, idio-muscular, ii. 537
phenomena of, ii. 443.
premature fusion of, ii. 553.
Contractions, order of appearance of, vi. 22.
premature fusion of, vi. 80.
single faradic, from induction shocks, vi. 18.

Contracture following traumatism, ii. 501.
localised tetanic, characteristics, ii. 613.
transitory disappearance of, ii. 591.
Volkmann's ischæmic, vi. 159.
Contractures, ii. 365 *et seq.*; vi. 352.
and paralyses, clinical forms of, ii. 418.
associated with aseptic encysting of pieces of metal, vi. 358.
club-foot from, vi. 360.
clinical characteristics, vi. 361.
treatment of, vi. 368.
hysterical, vi. 354.
of foot, physiotherapy in treatment of, vi. 369.
psychotherapy in treatment of, vi. 368.
organic, vi. 353.
pithiatic, vi. 354.
reflex, vi. 155.
simple, vi. 353.
treatment of, vi. 359.
caused by ischæmic constriction, ii. 372.
differential diagnosis of, ii. 746.
hysterical, intrinsic characters of, ii. 592.
of a single muscle or group of muscles, ii. 735.
of the trunk, ii. 737 *et seq.*
variability of, ii. 591.
with paresis due to irradiating neuritis, ii. 372.
Contremoulins compass, v. 294.
Contremoulins and Rémy process of radiographic localisation, v. 209.
Contusion of brain, iii. 736.
by "contre-coup," symptoms of, iii. 736.
in frontal region, iii. 737.
in occipital region, iii. 737.
in temporo-parietal region, iii. 737.
in vertex, iii. 737.
Contusions, symptoms of, ii. 863.
Contusions of blood vessels, iii. 136.
agents of injury in, iii. 137.
anatomical considerations of, iii. 136.
clinical considerations of, iii. 144.
degrees of, iii. 139.
first and second, iii. 139, 140.
third, iii. 140, 141.
effects of, on circulation, iii. 141.
Contusions of blood vessels, effects of, formation of thrombus in, iii. 141.
complete thrombus, due to infection, iii. 142.
embolism following, iii. 144.
secondary thrombosis, iii. 143.
small thrombus, iii. 142.
etiology of, iii. 136.
mechanism of, iii. 136.
pathological anatomy and physiology of, iii. 138.
treatment of, iii. 146.
removal of thrombus in, iii. 146.
Contusions of the globe, iv. 852–853, 882–885.
Contusions, visceral, in wounds of abdomen, iii. 344.
Convalescence after typhoid fever, i. 21.
complications of, i. 43.
prophylaxis in, i. 235.
psychical disturbances in, i. 62.
Convalescence of psychoneurotic patients, ii. 886.
Conversations, persuasive, ii. 878.
Convertible peg leg, v. 438.
Convulsions in malaria, i. 992.
Convulsive hysteria, ii. 411.
Convulsive meningeal type of pernicious attack in second phase of primary paludism in malaria, i. 1001.
Coolidge double anticathode tube, v. 248.
Coolidge tube, v. 20.
Coördination of movement in wounds of brain, iii. 579.
in lower limbs, iii. 579.
in upper limbs, iii. 579.
of diadococinesia (Babinski), iii. 580.
Convulsive fits in shell-shock, vi. 522.
Coraco-brachialis, the, ii. 117, 118.
Corneal reflex in wounds of brain, iii. 574.
Corpses as source of infection in typhoid fever, i. 184.
transmission of cholera vibrio by, i. 430.
Corpuscles, ii. 83.
Corpuscles, the, changes in, i. 45.
Correction of deformity of jaw, mechanical means for, iv. 672.
Corset, thigh, v. 453.
Cortical blindness in lesions of occipital lobe, iii. 691.

Cortical deafness in lesions of temporal lobe, iii. 655.
Cotte and Latarjet on laparotomy, iii. 318.
Coughing, convulsive, ii. 225.
Counter-suggestion, in hysterical states, ii. 421, 434, 451, 641.
Country contamination in typhoid, i. 206.
Courtellemont, case of local tetanus of leg, i. 746, 782.
Courtade's interrupter-reverser, description of, vi. 7.
Courtade's key, description of, vi. 7, 9.
Courtois-Suffit and Giroux, case of tetanus of left lower extremity, i. 774, 788.
Cramps in cholera, i. 383.
  treatment of, i. 405.
Cranial bones, origin of, iv. 793.
Cranial cavities, lesions of, with orbital fractures, iv. 959.
  fractures, iv. 807–810.
Cranial complications of auriculo-mastoid wounds, v. 873.
Cranial nerves, ii. 219 *et seq.*
Craniectomy, iii. 797.
  and blindness, ii. 476.
  classes of wounds treated by, iii. 822–823.
  difficulties attending, iii. 819.
    hæmorrhage of diploè, iii. 819.
    injury to dura and brain with Gigli's saw, iii. 820.
    injury to sinus, iii. 821.
      hæmorrhage from, iii. 821–822.
      muscular flap for, iii. 821–822.
    rupture of meningeal artery, iii. 821.
  instruments in, iii. 797, *et seq.*, 823.
  replacing of osteo-plastic flap in, iii. 817.
    approximation and suture of edges in, iii. 817.
  section of bone in, iii. 797.
    dura mater separator and protector in, iii. 801.
    Gigli's saw in, iii. 801.
    osteo-plastic flap in, cutting of, iii. 796.
      fracture of base of, iii. 809.
      selection of, iii. 786–787.
    trephining of skull in, iii. 798, 800.
  treatment of injury in, iii. 813.
    drainage tube in, iii. 816.
Craniectomy, treatment of injury in, irrigation of cerebral wound with physiological serum in, iii. 816.
    removal of splinters in, iii. 813.
    repair of dura in, iii. 815.
      search for projectile in, iii. 815.
  value of, iii. 818, 835.
Cranio-cerebral topography in wounds of brain, iii. 560.
  in frontal type, iii. 561.
  in occipital type, iii. 562, 683.
  metrical system of datum-points in, iii. 563.
    external auditory meatus and zygomatic arch in, iii. 564.
    external occipital protuberance in, iii. 563.
    fissure of Rolando in, iii. 564.
    Sylvian, iii. 565.
    lambda in, iii. 563.
    nasal point in, iii. 563.
  radiography in, iii. 566.
Cranioplasty in wounds of head, iii. 859.
  indications for, iii. 859.
    procedures for, iii. 860.
    costal cartilages in, iii. 861.
    metallic plates in, iii. 860.
Cranium, vertebral theory of the, iv. 793.
"Crank" devised by Villain, mechanism of, in fracture of jaw, iv. 718–719.
"Cranks," types of, iv. 720.
Cremasteric reflex, the, ii. 13.
  in wounds of brain, iii. 573.
Crimean War, dysentery in, i. 340, 343.
  typhus in, i. 476.
Crimes, alcohol as factor in perpetration of, vi. 622.
  military, due to cowardice, vi. 624.
    due to morbid emotion, vi. 624.
    due to shell-shock, vi. 622.
    importance of, in medico-legal problems, vi. 601.
    in acute mental confusion, vi. 616.
    in acute persecutory mania, vi. 617.
    in connection with chronic alcoholism, vi. 616.
    in connection with hysteria, vi. 620.
    in connection with organic dementia, vi. 616.
    in epilepsy, vi. 619.

Crimes, military, in melancholia, vi. 618.
in mental debility, vi. 618.
insane uræmic cases, vi. 616.
irresponsibility of offender in, vi. 620.
pathological motives, vi. 615.
penal responsibility in, vi. 615.
"Crises nerveuses," ii. 824.
Crises, nitritoid, i. 632, 635.
Critical sense, weakened by violent emotion, ii. 447.
Crookes tube, v. 3.
in operation, v. 15.
Cross-thread localiser, v. 153.
Crural monoplegia, ii. 723.
nerve (anterior), ii. 195, 203.
Crural monoplegia in lesions of Rolandic area, iii. 627.
Crureus muscle, ii. 195.
Crushing of limb, iv. 6.
Crutch paralysis, ii. 23.
Crutches, use of, vi. 304.
Cryogenine in typhoid fever, i. 140.
Cryptoscope, description and use of, v. 82.
Cultivation of cholera vibrio, i. 400.
of dysentery, bacillus, i. 315–321.
of Entamœba, i. 315–320.
Cummerbund, i. 667.
"Cup hand," ii. 70.
Curare in tetanus, i. 889, 925.
Cure, Fournier's intermittent, i. 598.
Curetting, essential, iv. 348.
Current, continuous, permanent, state in, vi. 6.
varying states in, vi. 6.
density of, vi. 12.
faradic, instrument for measuring, vi. 4.
intensity of, vi. 3.
stimulation with, vi. 18.
polarisation, passage of, vi. 9.
Curtillet and Lombard, case of local tetanus of upper extremity, i. 745.
Curtillet, operation of, v. 575–576.
Curvature, Spinal, ii. 735.
Curves, sinusoidal, v. 24.
Cushing magnetised withdrawal rod for removal of projectiles from brain, iii. 857.
Cutaneous affections in syphilis, pruriginous, i. 584.
statistics of, i. 505, 506.
ulcerative, i. 524.
Cutaneous anesthesia, iv. 638–639.
Cutaneous cicatrix, the, ii. 296.
nerves, ii. 120, 121.
branches of, ii. 197.
plantar reflex, ii. 12.
reflexes, ii. 471.
in the lower extremity, ii. 12.
loss of, ii. 295, 559.
stimuli, ii. 472.
Cutaneous eruptions in syphilis and arseno-benzol, i. 635.
lesions of secondary syphilis, i. 573, 620.
Cutaneous and mucous reflexes in wounds of brain, iii. 572.
Cutaneous sensation, disorders of, vi. 175.
Cyanide of mercury in syphilis, i. 607, 608.
albuminuria and, i. 664.
dose, i. 611.
Cyanide of mercury in syphilis, injections of, i. 640, 642.
intravenous injections of, i. 608.
precautions after, i. 663, 664.
Cyanide of potassium in syphilis, i. 608.
Cyanogen, i. 608.
Cyanosis and muscular atrophy, ii. 494.
Cyanotic cholera, i. 388.
Cyclitis, i. 587.
Cylinder of bone, v. 579.
in osteomyelitis, v. 580.
Cylinder diaphragms, v. 43.
Cyrtometer, v. 161.
Cyst, meningeal, iv. 947, 949.
Cysts of Entamœbæ, i. 318–320.

Dagnan-Bouveret's apparatus for lesions of upper brachial plexus, ii. 346.
Dangling of toes, improvement in, ii. 300.
Dakin solution, alkalinity, Lyle's test for, iv. 42.
apparatus for, iv. 43.
with boric acid, iv. 41.
without boric acid, iv. 40.
Dalgren's forceps for fracture of bone flap, iii. 811.
Damage to face, by fracture of mandible, iv. 630.
Danger as contra-indication to extraction, v. 276.
Danger, instruction as to venereal, i. 682.
syphilis as a national, i. 518.
Dangers of insoluble injections, i. 600.

Danusz, i. 637.
Darkness, vitality of dysentery bacilli in, i. 351.
Datum-points, metrical system of, in cranio-cerebral topography, iii. 560.
Dauvillier's ready reckoner, v. 232–233.
Deaf mutes, loquacious by gesture, ii. 802.
mutism, ii. 802.
Deaf-mutism, clinical description of, v. 925.
course of, v. 927.
test for, v. 980.
Deaf-mutism, hysterical, differentiated from aphasia, ii. 677.
Deafness, i. 586, 633.
Deafness, alone, ii. 803.
due to shell shock, ii. 865, 869.
exploration of the labyrinth, ii. 484.
hysterical, ii. 480.
hysterical, test for, ii. 481–3.
in war, prognosis of, ii. 807.
simulated, how to detect it, ii. 483.
Thollon's test, ii. 482.
traumatic, ii. 480.
voltaic vertigo test, ii. 483.
Deafness and dumbness in shell-shock, vi. 508, 523.
and malingering, vi. 606.
Deafness, cerebral, v. 918.
and military fitness, v. 1033.
complete bilateral, test for, v. 980.
due to wounds of tympanic membrane and cavity, v. 856.
ephemeral, v. 899.
examination for, results of, and preparation of report, v. 1024.
extreme bilateral dulness of hearing, test of reliability for, v. 985.
from lesions of auditory nerve tracts, v. 916.
of bulb and isthmus of encephalon, v. 917.
of trunk, v. 917.
functional, v. 921.
hystero-pithiatism, v. 921.
simulation, v. 934.
functional examination of audition, v. 948.
labyrinthine. *See* Labyrinthine concussions.
objective examination in, v. 945.
partial, v. 900.
simulation of, v. 936.
Deafness, pithiatic. *See* Hystero-pithiatism.
previous histories in, v. 941.
simulation of. *See* Simulation of deafness.
total, simulation of, v. 935.
or almost total, v. 905, 928.
total unilateral, tests of reliability for, v. 988.
Deafness, cortical, in lesions of temporal lobe, iii. 655.
Dean and Adamson, vaccine for dysentery, i. 376.
Death, after fracture of orbit, iv. 781.
Deaths, from arsenobenzol and novarsenobenzol, i. 632.
Debierne compass, v. 167.
Debility, mental, cases of, differentiated from unbalanced cases, vi. 597.
primary, megalomania as a result of, vi. 569.
symptoms of, vi. 564.
"Débridement," iv. 297.
Decalcification in paralysis with contractures, ii. 366.
of skeleton, in reflex disorders, ii. 562.
Decompression treatment, in wounds of chest, vi. 804.
Deep sensations tests in wounds of brain, iii. 578.
Defaced paludism, i. 961.
Defervescence in typhoid, i. 55.
Deformities and disabilities, paralytic, vi. 373.
general principles of treatment in, vi. 376.
Deformity of articular ends of bone, vi. 217.
Degeneration, reaction of, ii. 19; vi. 61, 72. *See also* Remak's faradic reaction of degeneration.
clinical significance of, vi. 91.
degree of, in electro-diagnosis, vi. 30.
diagnostic significance of, vi. 91.
differentiation between partial and complete, vi. 133.
faradic, vi. 83.
partial, vi. 75.
significance of, in prognosis, vi. 94.
theory of the elementary reactions in, vi. 96.
traces of, vi. 75.
Wallerian, ii. 232.
process of regeneration, ii. 19, 233.

Dejerine and Monzon, on severe nerve lesions, ii. 283–5.
Dr. and Mme., ii. 45.
et al on reflexes in hysterical hemiplegia, ii. 718.
Delangenière's method of bone graft, iv. 757.
Delay and Lucas-Championnière on laparotomy, iii. 319.
Delayed roseola, recurrent or, i. 574, 575.
Delayed union, treatment of, v. 561.
Delbert, v. 651.
apparatus, iv. 356, 417, 538, 564.
mixture of, v. 676.
pyoculture method, iv. 35, 36, 94–95.
spring extension splint of, v. 721.
walking plaster splint of, v. 721.
Delens, on fractures of the orbit, iv. 784.
Delirious mental confusion, ii. 802.
Delirium following explosion of trench mortar, ii. 436.
of war, ii. 832.
oneiric, ii. 839.
toxic, ii. 842.
Delirium, hallucinatory, vi. 477.
in hallucinatory mental confusion, vi. 464.
in malaria, i. 992.
in typhoid, i. 60.
of the wounded, vi. 476.
polymorphous, differentiated from excited mental confusion, vi. 479.
Delorme on orbital fractures, iv. 786, 810.
on removal of splinters, iv. 971.
Delorme on treatment of abdominal wounds, iii. 288, 301.
laparotomy rejected, iii. 301, 318.
Murphy's incision and drainage recommended, iii. 302.
operative abstention advised, iii. 301.
Deltoid branches, functions of, ii. 168, 398.
muscle, ii. 125, 128, 131.
Deltoid muscle, amputation through, artificial limbs for, v. 523.
Delusions, chronic persecutory, diagnosis of, vi. 567.
forms of, vi. 567.
mental, absence of, in hysteria, vi. 592.
of anxiety, fatal, acute, vi. 493.
in mental depression, vi. 490.
of persecution, transitory, vi. 494.
Demarquay on orbital effusions, iv. 873.
on orbital wounds, iv. 780–781.
Dementia, differentiated from mental confusion, vi. 478.
organic, in connection with military crimes, vi. 616.
precocious, in shell-shock, vi. 517.
premature, symptoms analogous to chronic mental confusion, vi. 561.
primary, types of cases, vi. 563.
Dementias, organic and arterial, vi. 576.
De Monacho on orbital fractures, iv. 787.
Demontmerot, case of paraplegic form of tetanus, i. 781.
Dengue, Mediterranean, i. 953.
Density of current, vi. 12.
Dental adjustment, normal, iv. 587.
Depression, mental, anxious impulsions in, vi. 488.
cold as a factor in, vi. 483.
delusions of anxiety in, vi. 490.
diagnosis in, vi. 498.
emotional constitution as a factor in, vi. 486.
in Parkinson's disease, vi. 585.
moral factors in, vi. 484.
persecutory manias in, vi. 498.
physical predisposition as a factor in, vi. 486.
prognosis in, vi. 498.
sexual influences in, vi. 485.
sleeplessness as a factor in, vi. 483.
states of, vi. 481.
treatment in, vi. 499.
tuberculosis as a factor in mental depression, vi. 487.
vague anxiety as a factor in mental depression, vi. 487.
war wounds as a factor in, vi. 482, 483.
neurasthenic, in shell-shock, vi. 516.
Depots, army, treatment of syphilis in, i. 560.
contamination and, i. 516.
Dermatitis, X-ray, v. 93.
Dermato-syphilographic centres, i. 676, 677.
Dermographism, not necessarily hysterical, ii. 422.
Descent of tongue into pharynx, iv. 663.

Descomps, Paul, satisfactory results from use of radiotherapy, ii. 327.
Dessane fluoroscope, v. 84.
Dessane's double fluoroscope, v. 87.
Dessane's radio-bathymeter, v. 197.
Destruction of eyeball, and neighboring cavities, iv. 946 *et seq.*
"Detache-tendon" of Ollier, iv. 23.
Detachment of choroid, iv. 905–906.
of retina. *See* Retina.
Determining causes, ii. 867.
Deviation of index finger test, spontaneous, iii. 724.
Deviation test, incited, iii. 725.
Deviation, voltaic angular, vi. 189.
De Weeker on choroidal lesions, iv. 898.
on effects of hæmorrhage, iv. 865–867.
on orbital fractures, iv. 782.
on orbital hæmorrhage, iv. 869.
on treatment of fractures, iv. 971.
Diabetic patients and typhoid fever, i. 18.
Diadococinesia tests in wounds of brain, iii. 580, 715.
Diagnosis, differential, between hysterical and organic paralysis, ii. 417.
errors of, due to calcifications, v. 257.
of severe lesions of nerves, ii. 296.
perfection of art of, ii. 633.
Dialysis of iris, iv. 887–890.
Diaphragm, projectiles in, v. 261, 342.
Diaphragms, cylinder, v. 43.
use of, in radiography, v. 43.
Diarrhœa, chronic, i. 311.
in cholera, i. 380, 394.
chronic, i. 392.
premonitory, i. 380.
treatment of, i. 404.
in second phase of primary attack in malaria, i. 981.
in syphilis, i. 635, 651.
in typhoid, i. 26, 31, 144.
cachectic, i. 23.
trench, i. 308, 311, 369.
Diastolic pressure, Pachon's method of measuring, ii. 532.
Diathermy, ii. 382.
advantage of, ii. 327.
Diazo-reaction in typhoid, i. 71, 84.
Dichloramin-T, iv. 35.
employment of, iv. 61.
Dichloramin-T, in oil method, iv. 58, 62.
method of preparing, iv. 59.
Dichlorhydrate of dioxydiaminovarsenobenzol, i. 612.
Dicrotism in typhoid, i. 51.
Didier on laparotomy, iii. 314.
Diet in dysentery, i. 324.
of typhoid patients, i. 128 *et seq.*
Differential diagnosis of contractures, ii. 372.
Difficulties of intravenous injection, i. 661.
Diffuse aneurism, iii. 13.
Diffuse aneurismal hæmatoma, iii. 13.
Digestive disorders, ii. 818 *et seq.*
Digestive symptoms in typhoid, i. 27.
Dioxydiamido - arsenobenzolmono - methylene sulphoxylate of sodium, i. 615.
Diphtheria in typhoid fever, i. 17.
Diplocinetic method of Meige, ii. 381.
Diplopia, iv. 844–846, 931, 933, 956.
Direct fractures of orbit, iv. 806.
Disabilities and deformities, paralytic, vi. 373.
general principles of treatment in, vi. 376.
Disablements, assessment of, in fractures of mandible, iv. 763 *et seq.*
Disarticulation at hip joint, artificial limb for, v. 444.
Discharge from Army, reasons for, ii. 640.
of psychoneurotic patients, ii. 887.
claimants, psychosis of, ii. 850.
Discharge No. 1 for deafness, v. 1036.
"Disciplined" febrile attacks in secondary paludism in malaria, i. 1005.
Disease, Landry's i. 633.
discussions on venereal, i. 678.
lectures on venereal, i. 680, 683, 684, 685, 686.
war and venereal, i. 503.
Disease, Parkinson's, mental depression in, vi. 585.
Diseases, chronic mental, general consideration of, vi. 559.
mental, absence of hysteria in, vi. 605.
of nervous system, mental disorders in, vi. 584.
organic, simulation of, vi. 602.
simulating typhoid fever, i. 105, 232.

Diseases simulating typhoid fever, with which mucous plaques may be confused, i. 583.
Disinfection in cholera, i. 442.
in dysentery, i. 372–376.
in typhoid, i. 233, 243.
in typhus, i. 498–503.
of open fractures, iv. 314 *et seq.*
of soft parts, iv. 343.
Disintoxication, in treatment of mental confusion, vi. 480.
Dislocation, backward, of elbow joint, vi. 220.
of elbow joint, effects of, vi. 220.
of shoulder, stiffness following, vi. 220.
Disorders, acute mental, vi. 459.
intermediate stages, vi. 463.
neurasthenic conditions in, vi. 501.
predisposition to, vi. 460.
cerebral, military consequences of, vi. 475.
combined hysterical and organic, vi. 153.
functional, simulation of, vi. 602.
mental, absence of complete simulation in, vi. 606.
amenable to discharge from army, vi. 665.
and alcohol, vi. 555.
as subjective symptom in traumatic cerebral lesions, vi. 580.
clinical applications, vi. 459.
diagnosis of, vi. 478.
etiology of, vi. 476.
in cerebral tumors, vi. 584.
in connection with defaulting, vi. 628.
in diseases of nervous system, vi. 584.
in tabes, vi. 585.
judicial legal medicine in relation to, vi. 601.
military dispositions in, vi. 644.
of Army, alcohol in connection with, vi. 464.
organisation of institutions for, general discipline in, vi. 644.
organisation of special institutions in Army zone, general discipline in, vi. 644.
practical applications, vi. 601.
special institutions for patients suffering from, vi. 644.
treatment in, vi. 644.
Disorders, mental, specialised institutions for, in Army zone, admissions into, vi. 650.
annexes to, vi. 651.
convalescent leave from, vi. 657.
length of time of, vi. 659.
equipment of, vi. 645.
medical treatment in, vi. 651.
methods of discharge from, vi. 651.
methods of treatment in, vi. 649.
occupations in, vi. 651.
out-patients in, vi. 650.
psychical treatment in, 651.
personnel of, 647.
suggestions for organised work in, vi. 670.
of cutaneous sensation, vi. 175.
of sensation and special senses, electro-diagnosis in, vi. 175.
physiopathic, vi. 155.
Disorders, impressive, ii. 423.
of hearing, ii. 480, 800 *et seq.*
differential diagnosis of, ii. 806.
and speech, recovery, ii. 805.
of speech, ii. 800 *et seq.*
vaso-motor and thermal, ii. 570.
visual, hysterical, ii. 474.
Dispensaries, i. 685.
Displacement, iv. 290.
lateral, iv. 311.
various types of, iv. 312.
Dissociation, syndromes of, ii. 284, 285.
Distilled water and novarsenobenzol, i. 616, 617, 618.
and syphilis, i. 654.
Distributing tubes, Carrel's, iv. 44.
Disturbances, cardiac, i. 635.
of hearing and of equilibriation in cerebellar tumors, vi. 584.
sensory, ii. 560.
Diuretics, i. 143.
Division of one, iv. 24.
Dizziness as subjective symptom in traumatic cerebral lesions, vi. 579.
Dogiel, organs of, ii. 83.
Domestic animals, dysentery in, i. 344.
Donaldson's method, iv. 100.
Donovan's solution, i. 612.
Dorsal flexion of toe, or "Babinski's sign," ii. 12.

Dose of novarsenobenzol, i. 625, 626, 627, 628.
of proto-iodide of mercury, i. 596.
Double image, localisation by, v. 175.
radioscopic methods of, v. 175.
using displacement of shadow without measuring it, v. 177.
including measurement of displacement of shadow, v. 184.
theoretical standpoint, v. 142.
Doyen's anatomical sections, v. 250.
bone perforator, iii. 800.
Drainage, iv. 27.
by esquillectomy, iv. 334.
Drapier's apparatus, as substitute for humerus, iv. 274.
Drault's aluminum cassettes, v. 40.
Dressings, iv. 414.
bad practices, iv. 29.
in fracture of thigh, iv. 534 *et seq.*
of joint wounds, iv. 28.
over voluminous, iv. 29.
points in, iv. 349.
suitable time for, iv. 29.
Dressings, water, i. 643.
Dribbling, following lesion of hypoglossal nerves, ii. 227.
Drinking water as source of dysentery infection, i. 355, 365.
carrier of paratyphoid infection, i. 258.
carrier of typhoid infection, i. 210.
in typhoid, i. 236, 258.
necessity of bacteriological control of, i. 249.
on ships, transmission of cholera vibrio by, i. 436.
sterilisation of, i. 237, 247.
Drinks in syphilis, i. 667.
Dropsy, i. 588.
Drugs, antipyretic, i. 140.
care in giving, i. 648.
danger of, in typhoid fever, i. 140.
for combating infection in typhoid, i. 143.
Dry cholera, i. 381.
Duchange's apparatus for expansion of mandible, iv. 687.
Duchenné bipolar method of, in electro-diagnosis, vi. 32.
brush, use of, for unipolar exploration, vi. 12.
law of, exceptions to, vi. 141.
reaction of, phenomenon of, vi. 53.
Duchenné, M., ii. 5, 7 (*note*).
dictum of, ii. 182.
Duchenné, test for functional activity of abductor brevis pollicis, ii. 281.
Ducrey's bacillus, i. 559.
Duguet's ulcers, i. 6, 28, 82, 183.
Dumas, René, statistics of operations for nerve injuries, ii. 307.
Dumbness and deafness in shell-shock, vi. 508, 523.
and malingering, vi. 606.
hysterical, and aphonia, employment of hypnotism in, vi. 605.
Dumbness due to shell shock, ii. 865.
Dum-dum bullets, v. 132.
Dumouthiers, i. 619.
Dundas Grant's test for equilibrium, v. 1015.
Duplay, v. 663, 664.
Duplex foot, v. 434.
Duport and Kendirdjy on laparotomy, iii. 307.
Dupré, Schoeffer and Le Fur case of tetanus with persistence of spasms, i. 798.
Dupuy-Dutemps on hæmatoma, iv. 866–867.
Dupuytren, fracture of, v. 558.
provisional callus of, v. 542.
Dupuytren, on orbital fractures, iv. 780.
on wounds of the orbit (1854), iv. 780.
Dupuytren's pills, i. 596.
Dura mater, injuries of, due to wounds of auriculo-mastoid region, v. 882.
Duration, as a factor in the phenomena of stimulation, vi. 109.
Dust as source of dysentery infection, i. 354.
Dutch East Indies, cholera in, i. 410.
Duval on treatment of abdominal wounds, iii. 306.
Duval, Pierre, cited, v. 288, 289.
Dwarf chancre, i. 540.
Dynamics, laws of, applied to orbit, iv. 797.
of the orbit, iv. 797–801.
Dysarthria, iii. 665.
differentiated from aphasia, iii, 676.
Dysarthria, as subjective symptom in traumatic cerebral lesions, vi. 582.
Dysbasia, types of, ii. 753.
Dyschromatopsia, ii. 425, 474.
attributed to hysteria, ii. 478.

Dysenteric bacilli, differential characteristics of, i. 322.
Dysenteries, absence of psychical sequelæ in, vi. 553.
Dysenteries due to various etiological agents, i. 308–310, 333, 367–368.
Dysenteriform symptoms in second phase of primary paludism in malaria, i. 982.
Dysenteriform enteritis in malaria, treatment of, i. 1047.
Dysentery, amœba of, i. 316.
associated with malaria, i. 1016.
clinical forms of, i. 300–304.
complications of, i. 304.
definition of, i. 395.
diagnosis of, i. 311–323.
of dysenteric syndrome, i. 311.
chronic diarrhœa and, i. 312.
stools in, i. 311.
diagnosis of nature of, i. 313.
bacteriological diagnosis in, i. 321.
culture in, i. 321.
identification in, i. 321.
clinical examination in, i. 313.
laboratory research in, i. 315.
microscopic examination in, i. 315.
of amœba of dysentery, i. 315.
cysts of, i. 39.
of fæcal discharges, i. 315.
sero-diagnosis in, i. 313.
differential diagnosis of, i. 313.
due to Balantidium coli, i. 309.
due to Bilharzia, i. 309.
epidemics of, i. 336–342, 353, 357.
in Japan, i. 358.
epidemiology of, general consideration of, i. 333.
etiology of, i. 343.
of bacillary dysentery, i. 343.
hepatic abscesses in, i. 361.
in armies, i. 337–342.
malarial, i. 311.
mixed forms in, i. 328.
prophylaxis of, i. 369–376.
symptomatology of, i. 295.
prophylaxis of, i. 369.
avoidance of chills in, i. 369.
bacteriological analysis in, i. 371.
compulsory notification in, i. 370, 372.
disinfection in, i. 370, 372, 373.
flies and, i. 374.
food in, i. 369, 374.
Dysentery, prophylaxis of, general consideration of, i. 333.
general hygiene in, i. 369, 372.
in camps, i. 373.
germ carriers in, i. 372, 374.
importance of prophylactic measures in, i. 371.
isolation in, i. 370, 373.
laboratory examination in, i. 370.
location of camps in, i. 373.
medication in, i. 375.
serum immunisation in, i. 375.
vaccination in, i. 375.
spirillum, i. 309.
symptomatology of, i. 395.
dysenteric syndrome in, i. 333, 395.
abdominal pain, i. 395.
stools, i. 397.
tenismus, i. 396.
treatment of, i. 324–332.
in amœbic dysentery, i. 326.
in bacillary dysentery, i. 324.
in chronic dysentery, i. 330.
in mixed dysentery (bacillary and amœbic), i. 328.
in negative results, i. 328.
calomel in, i. 329.
ipecacuanha in, i. 328.
opium in, i. 329.
saline purgatives in, i. 329.
Dysentery, amœbic, chronic, i. 361.
epidemiology of, i. 359.
contagion in, by carriers, i. 361.
immediate, i. 362.
indirect, i. 363.
by water, i. 364.
encysted amœba in, i. 363.
vitality of amœba in, i. 364.
geographical distribution in, i. 365.
of mixed infections, i. 366.
amœbo-bacillary, i. 366.
with other parasites, i. 367.
parasite in, i. 359.
animals carriers of, i. 360.
localities infected by, i. 356.
mode of entrance of, into body, i. 360.
persistence of, i. 361.
parasite in point of departure of, from body—excreta, i. 361.
symptoms of, i. 305.
abdominal pain in, i. 305.
diarrhœa in, i. 305.
in chronic form, i. 306.

Dysentery, symptoms of complications of, i. 306.
abscess of liver in, i. 307.
peritonitis in, i. 307.
Dysentery, bacillary, clinical forms of, i. 300.
bilious form, i. 300.
choleraic form, i. 302.
chronic form, i. 303.
fulminating form, i. 300.
gangrenous form, i. 301.
hæmorrhagic form, i. 303.
light form, i. 300.
long-continued or relapsing form, i. 303.
typhoidal form, i. 302.
ulcerative form, i. 301.
epidemiology of, i. 335.
in armies at war, i. 337.
etiology of, i. 343.
determining causes in, i. 345.
carriers in, i. 341.
direct contagion in, i. 346.
hands in, i. 347.
indirect contagion in, i. 349.
mode of entrance in, i. 345.
modes of propagation in, i. 350, 352.
by carriers, i. 354.
by flies, i. 354.
by clothing, i. 354.
in drinking water, i. 355.
in dust, i. 353.
in food, i. 354.
in milk, i. 355.
in soil, i. 353.
seat of infection in body in, i. 348.
vitality of bacilli in, i. 350.
in cold, i. 351, 352.
in darkness, i. 351.
in sunlight, i. 351.
in water, i. 351.
immunising power of, i. 344, 361.
predisposing causes of, i. 343.
age in, i. 343.
domestic animals in, i. 344.
exposure in, i. 343.
fatigue in, i. 343.
previous infection and, i. 344.
racial susceptibility in, i. 344.
spread of epidemics in, i. 357.
symptoms of, i. 298.
acute dysenteric period in, i. 299.
period of incubation in, i. 298.
period of onset in, i. 298.
terminal period in, i. 299.
Dysentery, symptoms of complications of, i. 304.
Dysentery, chronic, i. 330.
Dysphagic form of cephalic tetanus, i. 710.
Dyspnœa, iv. 112.

Ear, and typhoid fever, i. 66.
Ear, lesions of, and military fitness, acuteness of hearing and deafness, v. 1033.
for aviation, v. 1034.
external ear, v. 1030.
internal ear, v. 1033.
labyrinthine disturbances, v. 1033.
middle ear, v. 1030.
oto-rhino-laryngeal application form, v. 1031.
wounds of. *See* Wounds.
Early tetanus, incubation period of, i. 783.
Early treatment, indications for, in:
fracture of the humerus, neck, iv. 389.
middle of shaft, iv. 411.
sub-deltoid fracture, iv. 402.
supracondylar fracture, iv. 434.
fractures of forearm, above elbow joint, iv. 444.
just above wrist, iv. 461.
shaft, iv. 450.
fracture of shaft of radius, iv. 468.
of lower radial epiphysis, iv. 479.
fracture of ulna, iv. 487.
Early treatment, indications for, fractures of femur, subtrochanteric, iv. 496.
shaft, iv. 512.
supracondylar, iv. 548.
fractures of leg shafts, iv. 556.
supramal-clolar fractures, iv. 571.
Earthquake of Messina, ii. 23, 429.
Earthworms, transmission of cholera vibrio by, i. 435.
Eccentric cheloid, ii. 247.
Ecchymosis of the conjunctiva, iv. 875–876, 903.
Ecthyma, i. 539, 557, 561.
Ectropion, cicatricial, iv. 954.
Eczema, i. 20.
Eczema of external meatus, nature of, v. 817.
treatment of, v. 817.
Effectives, diminution of, in syphilis, i. 523.

Effusion from base of cranium, iv. 798.
intra-orbital, iv. 872–879.
Effusion, recurrence of, after evacuation, in pleuro-pulmonary wounds, vi. 796.
traumatic, in pleuro-pulmonary wounds, vi. 759.
in pleuro-pulmonary wounds, clinical types of, vi. 760.
Effusions, recurring hæmolysed, from pleuro-pulmonary wounds, vi. 763.
Ehrlich, i. 592, 612, 613, 614, 615, 622, 625, 636, 637, 638.
Elasticity of muscle, lost under cold, ii. 579.
Elbow, ankylosis of, ii. 392, 395.
anterior articular nerve of, ii. 398.
articular fibre for, ii. 398.
examination of, ii. 3.
Elbow, articulation at, for artificial arm, v. 519.
attachment of artificial forearm to, v. 465.
false joints, v. 570.
projectiles in, v. 269, 351.
Elbow joint, ankylosis of, vi. 220, 238.
at flexion, vi. 223.
backward dislocation of, vi. 220.
dislocation of, effects of, vi. 220.
extension of, in ankylosis, vi. 223.
functional results of ankylosis in connection with, vi. 228.
incomplete ankylosis of, vi. 239.
operative measures for redressment of, vi. 239.
Elbow joint, construction of, short stump, v. 475.
ratchet to fix in flexed position for artificial arm, v. 513.
for worker's arm, v. 519.
Elbow joint, for above elbow amputations, v. 513.
for below elbow amputations, v. 471.
short stumps, v. 475.
concavity of armlet in, v. 470.
construction of, v. 473.
long stump, v. 473.
Elbow-joint, nerve-supply of, ii. 400.
Elbows, ankylosed, indications for performance of redressment in, vi. 241.
Elbow, wounds and fractures of, iv. 129 *et seq.*
after treatment, iv. 155 *et seq.*
Elbow, evacuation of patients with, iv. 160.
late after treatment, iv. 162 *et seq.*
operative technic in, iv. 149 *et seq.*
profuse suppuration in later cases, iv. 164–165.
types of, iv. 131.
Electrargol, i. 143.
Electrargol injections in treatment of meningitis complicating wounds of skull, iii. 844.
Electric energy, high voltage source of, for production of X-rays, v. 8, 9.
utilisation of, in production of X-rays, v. 9.
Electric explorer-extractor, v. 370 *et seq.*
Electric explorers and detectors, v. 370.
of Cambridge Scientific Instruments Co., v. 373.
electric explorer-extractor by Trouve, v. 370.
Guilloz' modification of Trouve apparatus, v. 371.
Henrard's modification, v. 372.
Electric stimulator, Meige's, ii. 350.
precautions in technique, ii. 352.
Electrical, changes, iii. 59, 105, 109, 119, 132.
contractility, modifications in, ii. 366.
degeneration of muscles, ii. 297.
examination in nerve injuries, ii. 265 *et seq.*
disturbances, ii. 99, 169, 175, 183, 189.
examination of neuromuscular lesions, ii. 15.
reactions, ii. 34, 67.
phenomena of, ii. 272.
treatment, ii. 880.
Electrical detection of projectiles, v. 364.
induction balance and its derivatives, v. 364.
Chilowsky's apparatus, v. 366.
Hughes' apparatus, v. 364.
Kaufmann's apparatus, v. 366.
searcher-localiser of Francois, v. 367.
Electrical examination, standardisation of results of, vi. 3.
Electrical treatment of subjective syndrome in wounds of skull, iii. 596.

Electricity, high-voltage sources, v. 8.
positive and negative, v. 5.
Electricity in the treatment of shell shock, ii. 866.
Electrode, testing, use of, in localising stimuli to nerve or muscle, vi. 11.
button-shaped, description and application of, vi. 11.
use of, vi. 10.
exploring, description of, vi. 11.
flat, description and application of, vi. 11.
use of, vi. 10.
for application of currents, use of, vi. 2.
indifferent, v. 10, 22.
metal, use of, in investigation of cutaneous sensations, vi. 12.
polarity of, vi. 7, 9.
sponge, use of, in exploring motor nerves and muscles, vi. 10.
in investigation of cutaneous sensations, vi. 12.
Electrode, active, use of, in localising stimuli to nerve or muscle, vi. 11.
differentiating, use of, in localising stimuli to nerve or muscle, vi. 11.
exploring, dimensions of, vi. 12.
passive, vi. 22.
single, vi. 22.
Electrodes, ii. 325.
Electro-diagnosis, ambiguity of terms used in, vi. 99.
and medical boards, vi. 198.
apparatus necessary for, vi. 2.
definition of, vi. 1.
Duchenne's bipolar method in, vi. 32.
Electro-diagnosis, apparatus for, ii. 15.
in ulnar area, ii. 111.
of two cases examined, ii. 270, 271.
Electro-diagnosis in disorders of sensation and the special senses, vi. 175.
in motor paralyses, vi. 117.
pecularities of various nerves in, vi. 143.
technique of, vi. 1, 29, 30.
with condensers, vi. 102.
Electro-diagnosis tables, use of, in permanent installations, vi. 10.
Electrolytic polarisation, law of, vi. 9.
Electro-magnet for removal of foreign bodies from brain, iii. 855.
for search and extraction of foreign bodies from head, iii. 778, 780–781.
Electro-magnet, use of, iv. 981.
Electro-magnets, v. 359 *et seq.*
alternating or vibrating, in search for projectiles, v. 361.
continuous, search for projectiles by, v. 359.
Electro-physiology, law of, vi. 28.
Bourguignon's application of, vi. 28.
von Bezold's theory of, vi. 28.
Brenner's theory and application of, vi. 28.
Erb's application of, vi. 28.
Pflüger's theory of, vi. 28.
de Watteville's application of, vi. 28.
Electro-therapeutics, v. 358.
Electrotherapy in paralysis of nerves, ii. 324.
Electro-vibrator, v. 166, 361.
Electrons, definition and size of corpuscles of, v. 2.
effect of, on surface impinged by, v. 4.
forces inducing deviation of, from rectilinear path, v. 7.
production of, v. 2.
production of X-rays from, v. 3.
projection of, v. 2.
speed of, dependent on difference in potential at terminals of tube, v. 23.
velocity of, v. 2, 3.
Elephant boot, v. 459.
Elsberg's canula for transfusion of blood, iii. 53.
Embolism in syphilis, i. 663.
of pulmonary artery in typhoid, i. 40.
Embryocardia, i. 41.
Emotion alone does not produce hysteria, ii. 429, 432.
and concussion, pathogenic factors, ii. 833.
after torpedo attack, ii. 440–3.
and hysterial attacks, ii. 428.
dislocates personality, ii. 447.
manifestations of, ii. 439.
period of, ii. 440, 441.
profound, excludes hysteria, ii. 430. 432, 436.
rôle of, ii. 868.

Emotion, traumatism and suggestion, respective importance of, ii. 434.
Emotional changes in wounds of brain, iii. 592.
Emotional constitution, a factor in mental depression, vi. 486.
Emotional phenomena, ii. 439.
reaction, none peculiar to large projectiles, ii. 437.
Emotional psychosis, vi. 555.
Emotionalism, excessive, seen in normal individuals, ii. 422.
Emotions, violent, ii. 447.
Empyema in war wounds of chest, results of drainage in, vi. 861.
subcutaneous, as a complication in war-wounds of chest, vi. 768.
as a complication of chest wounds, vi. 823.
treatment in, vi. 823.
of chest, X-ray in, vi. 862.
Encephalitis, acute, iii. 632.
of unknown origin, vi. 547.
complicating wounds of skull, iii. 845.
in cases with retained missile, iii. 846.
in cases with missile long extracted, iii. 846-847.
in superficial wound with no projectile enclosed, iii. 846.
Encyclopédie francaise d'Ophthalmologie, iv. 786.
Endermic administration, in syphilis, i. 600.
mercurial medication, i. 594.
Endocarditis, i. 41.
typhoid form of infective, i. 103.
Endoneural injections in tetanus, i. 923.
Endothelial cells of synovial membrane, iv. 20.
End-to-end sutures, ii. 304, 311. (*See also* Sutures.)
Enemata, i. 139.
Energetic treatment, i. 641.
Enophthalmos, iv. 849-850, 917-921, 921-925, 926-937.
false and true, iv. 928-929.
nervous theory of, iv. 923.
symptoms and diagnosis, iv. 934 *et seq.*
traumatic, iv. 917, 931, 937 *et seq.*
treatment of, iv. 937.
Entamœba coli, i. 319, 320.
Entamœba dysentericæ, i. 318, 319, 320.
Entamœba histolytica, i. 318, 319.
encysted, i. 363.
Entamœba tetragena, i. 318.
Enteric fever (*See* Typhoid fever).
Enterococcus injections, i. 101.
Enucleation, cases of, iv. 933, 939-943, 945-950, 954-955, 965, 976-977, 984-985, 987.
early practice of, iv. 781.
of eye, iv. 976.
Ephemeral fever, i. 466.
Epicritic sensibility, Head's, ii. 254.
"Epidemic by contact," in typhoid, i. 109.
Epidemics of typhoid, i. 254, 272, 282, 287, 288.
blood-examination in, i. 243.
characters and evolution of, i. 220 *et seq.*
disinfection in, i. 243.
drinking water and, i. 236, 242.
due to oysters, i. 209, 239, 261.
first measures in, i. 231.
treatment of excreta in, i. 244.
Epidemiology of typhoid fever, i. 156 *et seq.*
Epileptiform attacks, i. 63.
Epilepsy, as a reason for exemption and discharge from the army, vi. 662, 670.
caused by peripheral lesions, vi. 590.
delusions of, vi. 590.
effect of spiritous drinks on, vi. 588.
effects of suppression of absinthe in, vi. 588.
frequency of, vi. 587.
importance of medico-legal problems in, vi. 619.
military crimes in, vi. 619.
psychical, vi. 589.
psychical symptoms in, vi. 587.
Epilepsy, complicating wounds of skull, iii. 845.
Epilepsy, due to wounds of brain, iii. 752.
diagnosis of, iii. 757.
epileptic fit in, iii. 754.
convulsive stage in, iii. 754.
prodromata in, iii. 754.
general consideration of, iii. 752.
Jacksonian, iii. 757.
differential diagnosis of, iii. 759.
"petit mal," iii. 755.
sensory type of, iii. 759.
sequence of, iii. 759.
symptoms of, iii. 758.
status epilepticus, iii. 756.

Epilepsy and hysteria, differentiation, ii. 829.
Epileptic fits, diagnosis of, vi. 588.
severity and increase of, vi. 588.
Epilepticus, status, ii. 408.
Epileptiform attacks, accompanying fracture of orbit with neuritis, iv. 979.
Epileptoid clonus, vi. 357.
Epiphyses, ankylosis of joints with sinuses leading to, operation for, v. 698.
cavities and tunnels in, technique of operation for, v. 696.
Epiphyses, changes in size and shape of, as shown by X-ray, vi. 221.
Epiphyses, fractures of, iv. 25.
Epithelial lesions, superficial, of eyeball, iv. 882.
Epithelioma in syphilis, i. 564.
of penis, i. 557.
Epithelium, period of recovery or repair of, ii. 475.
Equality, polar, vi. 56.
Equator of depression in rupture of choroid, iv. 791–796.
Equilibrium, in an artificial leg, v. 415.
functional examination of, Babinski's electrical test, v. 1016.
Babinski-Weil test, v. 998.
Barany's technique, v. 1012.
Brünings' technique, v. 1012.
caloric test, v. 1008.
Dundas Grant's technique, v. 1013.
hot water, v. 1014.
induced nystagmus. *See* Barany's tests.
objective examination beforehand, v. 1011.
oto-calorimeter of Brünings, v. 1009.
oto-geniometer, v. 1011.
preliminary examination, v. 996.
rotation test, v. 1003.
search for spontaneous nystagmus, v. 1001.
standing upright, v. 997.
walking with eyes open, v. 998.
walking with eyes shut, v. 998.
Equilibrium in wounds of brain, iii. 580, 711.
kinetic, iii. 712.
objective characters of, iii. 711.
subjective disorders of, iii. 711.
Equinus, correction of, vi. 326.
Erben's sign, ii. 847.
Erb's application of the law of electro-physiology, vi. 28.
Erb's point, ii. 124.
stimulation of, vi. 38.
Erb's reaction, vi. 56, 62.
Ergograph studies in functional inactivity, ii. 720.
Erosive and ulcerous balanitis, i. 564.
Eruptions, ii. 212.
Eruptions and arsenobenzol in syphilis, i. 520.
cutaneous, i. 635.
Eruptions in typhoid, i. 76.
in serotherapy of tetanus, i. 858.
Eruptive fevers, special symptomatology in, i. 99.
Erysipelas in typhoid fever, i. 18.
Erythemata, ii. 422.
in typhoid, i. 78.
medicamental, in syphilis, i. 575.
Erythromelalgia in second phase of primary paludism in malaria, i. 987.
Esau, case of local tetanus of hand, i. 745, 781.
Escherich, on infantile tetany, ii. 528.
Esmarch's band, causing loss of tendon reflexis, ii. 559.
resistance to, ii. 639.
Esquillectomy, iv. 10, 412.
advantages of, iv. 316–317 *et seq.*
and amputation, choice between, iv. 340.
counter-indications to, iv. 339.
criticisms of, iv. 319.
details of, iv. 345.
in hip wounds, iv. 188.
in shoulder wounds, iv. 106.
in wrist wounds, iv. 172.
indications for, iv. 14, 331.
predisposing to pseudarthrosis, disproved, iv. 322.
prophylactic, iv. 315.
sub-periosteal, iv. 328 *et seq.*
Essentials for prosthetic appliances, ii. 328–9, 331, 348–9.
Ether or chloroform, choice of, for operations on fractured jaws, iv. 741.
Ether in tetanus, i. 889.
vaccine, i. 151.
Ethmoiditis, iv. 887.
Etiology of the psychoneuroses, ii. 864–70.
Eugenol paste in packing of cavities, v. 675.

European War, dysentery in, i. 341.
typhoid in, bacteriological analysis of beer in, i. 238.
pollution of water in, i. 215.
rarity of, i. 163.
vaccination adopted by all belligerents for, i. 286.
typhus in, i. 477.
European war, treatment of abdominal wounds in, iii. 298.
in first period, abstention results in, iii. 304.
Delorme's administrative circular on, iii. 301.
laparotomy rejected, iii. 301.
Murphy's incision and drainage recommended in, iii. 302.
operative abstention advised in, iii. 301.
laparotomy disastrous in, iii. 298, 299, 300.
laparotomy results in, iii. 303.
in second period, laparotomy successful in, iii. 298, 299–300, 306–321.
in third period, medicinal or abstention treatment successful in, iii. 299, 300, 321–328.
nature of projectiles and, iii. 329.
operative surroundings and, iii. 328.
Eusol and Eupad, iv. 67 *et seq.*
Evacuation of patients after:
ankle wounds, iv. 252.
elbow wounds, iv. 160.
foot wounds, iv. 268.
hip wounds, iv. 197.
knee wounds, iv. 225.
shoulder wounds, iv. 124.
wrist wounds, iv. 180.
Evisceration, iv. 976.
Examination, objective, in war deafness, v. 945.
plane of, v. 48.
Examination in syphilis, Bertarelli's method of, i. 554.
Giemsa's method of, i. 550, 551.
of patients, precautions in, i. 540.
Exanthemata, acute, typhoid fever and, i. 17.
Exanthematic typhus. (*See* Typhus exanthematicus.)
Ex-articulation of metacarpo-phalangeal joint, preparation of end of stump in, vi. 231.
Excessive formation of callus, v. 550–556.
Excitability, dissociation of, vi. 17.
faradic, of muscles, diminution of, vi. 84.
function of, vi. 17.
galvanic, increase of, vi. 84.
in reaction of motor nerves and muscles, vi. 16, 17.
increased, vi. 68.
latent faradic, vi. 82.
measure of, vi. 108.
reduced, vi. 69.
theory of, vi. 108.
Excitation, law of, vi. 108.
Excitement, cerebral, and mania, vi. 542.
Exciting causes, ii. 867.
Excoriations of genital organs in syphilis, i. 562.
Exfoliative erythrodermia, generalised, i. 635.
glossitis, marginate, i. 583.
Exophthalmic goitre, in connection with shell-shock, vi. 526.
Exophthalmos, iv. 837, 839, 841–842, 858.
consecutive, iv. 872, 875–879, 920–921, 965.
reduction of, iv. 975.
Exostoses, operative removal of, in ankylosis, vi. 220.
recurrence of, in ankylosis, vi. 220.
Exostosis, i. 531.
Exothermia, ii. 577.
Exploration, faradic, in electro-diagnosis, vi. 29, 30.
galvanic, in electro-diagnosis, vi. 29, 30.
technique of, bipolar method, vi. 31.
in electro diagnosis, vi. 29.
unipolar method, vi. 30.
Exploratory incisions, ii. 306.
question of, ii. 309.
Expulsive hæmorrhage, iv. 905–906.
Extension, by metallic loop, iv. 359.
by sliding appliances, iv. 360.
choice of position for, in fracture of thigh, iv. 530–531.
continuous, by weights, iv. 357.
in fractures of the femur, iv. 519 *et seq.*
methods of effecting, iv. 423.
Extension, fixation in, osteotomy followed by, vi. 231.
in ankylosis, vi. 223.
Extension of thigh, muscles involved, ii. 200.

Extensive wounds of blood vessels. *See* Blood vessels, extensive wounds of, iii.
Extensor brevis digitorum, ii. 14, 161.
carpi radialis brevior, ii. 30.
carpi radialis longior, the, ii. 31.
carpi ulnaris, ii. 31, 52.
communis digitorum, ii. 32.
fibres for, ii. 357.
indicis, ii. 32.
longus digitorum, ii. 159.
pollicis, ii. 33, 157, 159, 187.
minimi digiti, ii. 33.
pollicis, ii. 33.
proprius hallucis, ii. 157, 160, 187.
localisation of fibres for, ii. 255.
Extensors of the fingers, ii. 32.
of the toes, localisation of fibres for, ii. 354.
Exterior orbital margin and wall, fractures of, treatment, iv. 974.
External cutaneous nerve, ii. 194.
popliteal nerve, ii. 155.
lesions of, ii. 294, 395.
localisation of fibres for, ii. 354.
motor localisation of, ii. 358.
paralysis of, ii. 309.
appliance of J. Privat and J. Belot, ii. 342.
recovery of sensibility, ii. 264.
situation of fibres in, ii. 355.
External hæmorrhage in extensive wounds of blood vessels, iii. 24.
from artery, iii. 24.
from both artery and vein, iii. 25.
from vein, iii. 24.
results of, iii. 25.
death, iii. 25.
spontaneous hæmostasis, iii. 25, 28.
External wall of orbit, fractures of, iv. 811–812, 974.
Extra-articular ankylosis, vi. 217.
Extra-genital chancres, i. 570.
Extravasation, intra-orbital, iv. 774–775.
Extrinsic and intrinsic muscles, lesions of, iv. 879–882.
Exudative pleurisy, etiology of, in pleuro-pulmonary wounds, vi. 796.
Eybert trench stretcher, iii. 426, 428.
Eye and eyebrow as seat of infection in ophthalmoplegic tetanus, i. 730.
Eye, concussion lesions of, iv. 1015.
conclusions in regard to, iv. 1015.
destruction of, iv. 938–969.
and neighboring cavities, iv. 946.
in fractures of orbit, iv. 938, 975.
enucleation of, iv. 976.
lesions of the, iv. 882–899. *See also* Case Reports.
preservation of the, iv. 813–827.
in orbital fracture, iv. 813, 974.
ruptured, treatment of, iv. 983.
Eye, the lesion of, ii. 221.
Eye, localisation of foreign bodies in, v. xvii.
localisation of projectiles in, v. 253.
Eye lotion, i. 647.
Eye, test of, in wounds of brain, iii. 581.
ocular media and fundus oculi in, iii. 582.
ocular movements in, iii. 581.
pupillary tests in, iii. 582.
visual acuity in, iii. 582.
Eye, in typhoid fever, i. 65.
Eyeball, projectiles of, v. 333.
sinking of, ii. 227
Eyelids, restoration of the, iv. 942, 993–996.
Eyes, protection for, in X-ray examination, v. 84, 97.

Fabulation, cause of, vi. 474.
Face, infectious wounds of, differentiated from cephalic tetanus with facial paralysis, i. 728.
treatment of, i. 728.
Face, localisation of projectiles in, v. 253.
Face, motor nerves of, origin of infection in cephalic tetanus with ophthalmoplegia through, i. 736.
traumatic spasms of differentiated from cephalic tetanus with facial paralysis, i. 727.
Face, motor points of, ii. 20, vi. 35.
Facial asymmetry, after fracture of mandible, iv. 637.
Facial bones, fractures of the, iv. 957.
Facial expression in tetanus, i. 789, 794.
Facial nerve, ii. 222.
paralysis of, ii. 224.
Facial nerves, lesions of, in syphilis, i. 633.
Facial neuralgia, spasmodic differentiated from cephalic tetanus with facial paralysis, i. 727.

Facial paralysis, in cephalic tetanus. (*See* Cephalic tetanus with facial paralysis.)
with paralysis of the hypoglossal, i. 743.
in syphilis, i. 586.
treatment of, i. 646.
in wounds of frontal lobe, iii. 605.
of cortical origin in lesions of Rolandic area, iii. 630.
Fæces, isolation of typhoid bacillus from, i. 108.
paratyphoid injection in, i. 256.
typhoid baccilli in, i. 179.
Fall, loss of vision after, iv. 864.
False, aneurism, iii. 13.
False joints, v. 556.
articular, v. 560.
cause of, in war surgery, v. 560.
characteristics of, v. 557.
differentiated from delayed union, v. 556, 559.
at elbow, v. 570.
at humerus, v. 568.
grafting, v. 565.
pathological type of, v. 561.
treatment of, v. 563 *et seq.*
with fragments in contact without loss of substance, v. 563.
with loss of bone, v. 564.
means of, v. 563.
by open operation, v. 567.
use of radiography in, v. 557–559.
varieties of, v. 556.
"Famine fever," i. 483.
"Fan sign," the, ii. 12.
Fantino, emulsion of, v. 674.
Farabeuf's bone retractor, iii. 809, 811.
Faradic, contractility, ii. 272 *et seq.*, 300.
current, the, ii. 324.
recovery of, ii. 277.
sign of regeneration, ii. 70, 300.
exploration in unilateral lesions, ii. 17.
investigations, ii. 266.
Faradic apparatus, fixed voltage in, vi. 3.
apparatus, use of, in electro-diagnosis, vi. 2.
contractions, single, from induction shocks, vi. 18.
current, instruments for measuring, vi. 4.
intensity of, vi. 3.
Faradic apparatus, stimulation with, vi. 18.
testing with, vi. 100.
Faradic excitability of muscles, diminution of, vi. 84.
exploration in electro-diagnosis, vi. 29, 30.
hyper-excitability of muscle, vi. 53.
hypo-excitability of muscle, vi. 53.
testing in disorders of sensibility, vi. 177.
tetanus, complete, production of, vi. 19.
tetanus, incomplete, production of, vi. 19.
Faradization as test of painful sensibility, ii. 7 (*note*).
in psychoneuroses, ii. 880.
Fascia lata, reflex of the, ii. 12.
Fasciculi in median nerve, ii. 353.
in musculo-spiral nerve, ii. 357.
in thenar muscles, ii. 357.
Fatal results, rare, in wounds of face, iv. 586.
Fatigue, as a factor in mental depression, vi. 483.
Fatigue in psychoneuroses, ii. 865.
Faulty union, iv. 310.
Fear, as an obsession in psychasthenia, vi. 593.
effects of, ii. 437.
Febrile form of typhoid fever in infants, i. 14.
Febrile gastric derangement in first invasion of primary paludism of malaria, i. 951.
diagnosis of, i. 953, 954.
general symptoms in, i. 951, 952.
pulse in, i. 953.
temperature in, i. 953.
in typhoid, i. 11.
Febrile infections simulating typhoid fever, i. 100.
reactions following vaccination, i. 271, 277 (*note*).
Federation leg, v. 413.
Feeble-mindedness, malingering and, vi. 607.
Female genital organs in typhoid, i. 73.
Female labour and syphilitic morbidity, i. 519.
Femoral artery, lesions of, ii. 217.
Femoral neck, fractures of, vi. 422.
Femoral vessels, aneurism of, iii. 242.
arterial, iii. 242.
extirpation of sac in, iii. 242.
arterio-venous, iii. 243.

Femoral vessels, arterio-venous, extirpation of sac in, iii. 243–424.
gangrene following, iii. 244.
ligature in, iii. 243, 244.
loss of power in, iii. 245.
suture in, iii. 243–244, 245.
vascular graft in, iii. 244.
quadruple ligature in, iii. 243. 244.
wounds of, iii. 233.
diffuse hæmatoma in, iii. 234.
nature of, iii. 233.
treatment of, iii. 236.
arrest of hæmorrhaga in, iii. 236.
immediate operation in, iii. 237.
incision of hæmatoma in, iii. 239.
incision of skin and muscles in, iii. 238.
indications for, iii. 236.
ligature in, iii. 239.
gangrene in, iii. 239.
results of, iii. 239.
suture in, iii. 241.
temporary hæmostasis in, iii. 238.
Femur, cavities and tunnels in, technique of operation for, v. 694.
defects of bony union common to, v. 546.
pseudarthrosis of, v. 573.
Femur, fractures of the, iv. 494.
fractures of shaft of, iv. 507.
separation of head of, iv. 185.
Femur, functional significance of shortening of, vi. 402.
mechanical consequences of malunion of fractures of shaft of, vi. 422.
non-union of shaft in, prognosis in, vi. 451.
shortening from angulation of, improved by osteotomy, vi. 405.
Ferran, prophylactic vaccination against cholera, i. 448, 449.
Ferrier's cachets, iv. 675.
Fever, in malaria, i. 949.
in secondary paludism, i. 1008.
irregular, i. 1011.
isolated fits of, i. 1010.
quotidian intermittent, i. 1010.
septan type of, i. 1010.
tertian intermittent, i. 1008.
Fever, in malaria, in second phase of primary paludism, i. 962.
apyrexia between attacks in, i. 967, 968.
irregular fever in, i. 967.
isolated attacks in, i. 965.
occurrence of attacks in, i. 967.
quotidian intermittent fever in, i. 965.
remittent continued fever in, i. 962.
tertian attacks in, i. 965.
Fever reduction in typhoid affections, i. 133.
by external applications, i. 133.
affusions in, i. 133.
baths in, i. 134.
Brand's method of giving, i. 134.
hot, i. 137.
warm, gradually chilled, i. 136.
warm or tepid, i. 136.
compresses in, i. 138.
rectal enemata in, i. 138.
rectal instillations in, i. 138.
refrigeration by cold air in, i. 138.
sponging in, i. 133.
wet packs in, i. 134.
by internal medication, i. 140.
antipyrine in, i. 140.
eryogenine in, i. 140.
pyramidon in, i. 140.
quinine in, i. 140.
Fever, typhoid (*See* Typhoid fever).
typhus, i. 99. (*See also* Typhus exanthematicus.)
importance of early diagnosis, i. 96.
Malta, i. 101, 232.
Mediterranean, i. 101.
paratyphoid, i. 80 *et seq.* (*See also* Paratyphoid fever.)
serum therapy for, i. 148.
Fibres of sympathetic system, inflammation of, cause of pain, ii. 83–6.
Fibrous ankylosis, vi. 217.
forcible manipulation in, vi. 225.
intro-articular ankylosis, vi. 217, 219.
Fibula, avoidance of pressure on, v. 447, 448.
Fibula, pseudo-arthrosis of, prognosis in, vi. 451.
Filters, aluminum, v. 96.
Finger, i. 566.
Finger, lateral deviation of, vi. 231.

Finger joint, ankylosis of, complications of, in war wounds, vi. 232.
Finger-joints, nerve-supply of, ii. 401.
Finger-prints, changes in, in severe lesions, ii. 296.
Finger-stall, audioscopic, v. 369.
Fingers, amputation of, iv. 174.
amputation in ankylosis of, vi. 230.
treatment in, vi. 230.
conservation of length of stump in, vi. 230.
disarticulation of the, ii. 512.
examination of, ii. 4.
extensors of, ii. 32.
flexors of, ii. 213.
localisation of fibres, ii. 353.
hypotonic paralyses of the, ii. 527.
stiffness of the, ii. 392.
Finochietto's stirrup, iv. 359.
Fish, transmission of cholera vibrio by, i. 435
Fissures, of orbit, iv. 809, 810.
occurring in fractures, iv. 284.
"Fist" appearance of contractures, ii. 366.
Fistula, iv. 901.
Fit of motor agitation, ii. 827.
of terror, ii. 824.
Fits, convulsive, in shell-shock, vi. 522.
epileptic, diagnosis of, vi. 588.
of congestion as subjective symptom in traumatic cerebral lesions, vi. 580.
Fixation abscess, i. 141.
of complement in syphilis, i. 554.
in test for typhoid affections, i. 121.
Fixation apparatus, types of, iv. 382.
by suspension, iv. 379.
in fractures of the femur, iv. 517.
Fixation of joint, position of, in complete ankylosis, vi. 217.
Fixed voltage in faradic apparatus, vi. 3.
Flaccid paralysis of the hand, ii. 507.
with hypotonus, ii. 369.
flail-like drop of hand, diminution of, ii. 44.
flexion of thigh, muscles involved, ii. 200.
Flail arm, iv. 399.
Flail-elbow, iv. 167.
Flail-like limb, after shoulder wounds, iv. 128.
Flanks, wounds of, iii. 459.
Flap, muscles of, becoming fibrous, v. 388.
preparation of, for artificial limb, v. 388, 389.
Flaps, excentric palmar, vi. 236.
palmar, vi. 231.
planning of, vi. 231.
Flavine (acri- and pro-flavine), iv. 80 *et seq.*
Flavine and Bipp, iv. 35.
Flexed knee, angle of foot, v. 414.
artificial muscle with, v. 417.
conversion of articulated peg leg into and vice versa, v. 438.
design of, v. 413.
ensuring equilibrium, v. 415.
extending force of, v. 420.
extending slings, v. 423.
extension braces, attaching of to front of leg, v. 425.
knee-extending mechanisms, v. 417.
Marks, v. 419.
mechanism combined for knee and ankle joints, v. 435.
mechanism for limiting extension of knee, v. 418.
mechanism to secure rigidity of knee during weight bearing, v. 428.
mechanism for starting extension of knee during time leg is swinging, v. 417.
mechanism of walking with, v. 416.
movable ankle with, v. 430.
prevention of hyperextended position, v. 418.
stop to limit extension in, v. 418.
walking upon, v. 446.
Flexion, in ankylosis, vi. 223.
of elbow joint, vi. 223.
Flexner bacillus of dysentery, differential characteristics of, i. 322.
Flexor accessorius, ii. 164.
brevis digitorum, ii. 164.
brevis minimi digiti, ii. 92, 164.
pollicis, ii. 54, 93.
paralysis of, ii. 97.
return of functional activity in the, ii. 281.
carpi radialis, ii. 52, 63.
carpi ulnaris, ii. 91.
nerve fibres of, ii. 354, 355.
paralysis of, ii. 95.
longus digitorum, ii. 163.
fibres for, ii. 358.
longus hallucis, ii. 163.
longus pollicis, ii. 54.

Flexor accessorius, longus pollicis, paralysis of, ii. 59.
profundus digitorum, ii. 53, 91.
paralysis of, ii. 58, 95.
sublimis digitorum, the, ii. 53.
fibres for, ii. 357.
tendon, retraction of, varies with individuals, ii. 115.
Flexors, hyperexcitability in, ii. 365.
ischæmis myositis of, ii. 105.
of fourth and fifth fingers, fibres for, ii. 354.
of the carpus, localisation of fibres in, ii. 353.
Flies, agents of contagion, in cholera, i. 429–430.
in dysentery, i. 354–355, 374.
in typhoid, i. 217, 239, 240, *et seq.*, 249, 250.
mechanical protection against, i. 240, 246.
Fluid, antiseptic, in syphilis, i. 654.
Fluorescence, principle of, v. 29.
production of, in X-ray tubes, v. 13.
Fluorescent screen, v. 82.
Fluoroscope, v. 82 *et seq.*
Bouchacourt's modification of, or manudiascope, v. 84.
Dessane's, v. 84, 87.
invented by Wullyamoz of Lausanne, v. 83.
Réchou's, v. 83.
use of hood with, v. 84.
wearing of dark-colored glasses in use of, v. 84.
Fluoroscopic image, v. 29.
Fluoroscopy, v. 29.
lights used in, v. 86.
See also Radioscopy.
Folds in camptocormia, ii. 467.
Follenfant on laparotomy, iii. 284, 285, 294.
Follicular syphilides, i. 578, 645.
tuberculide, i. 579.
Fontana, i. 551.
Food as source of dysentery infection, i. 354.
fresh, in dysentery prophylaxis, i. 369, 374.
paratyphoid infection in, i. 257.
Foot, action of, in standing and walking, vi. 270.
active and passive movements of, vi. 265.
ankylosis of, vi. 256.
architecture of, vi. 256.
arthrodesis of, technique of, vi. 392.
articulations of bones of, vi. 258.
Foot, club, vi. 384.
contractures of, psychotherapy in treatment of, vi. 368.
contractures of, physiotherapy in treatment of, vi. 369.
examination of, vi. 263.
flail, vi. 384.
flail paralytic, vi. 386.
joints of, indications for arthrodesis, vi. 389.
normal anatomy and physiology of, vi. 256.
paralysed, vi. 384.
Foot, amputation of, iv. 244.
malposition of, iv. 533.
solidity of, preserved, iv. 243–244.
wounds and fractures of, iv. 255.
Foot, appearance in lesions of great sciatic and popliteal nerves, ii. 165.
articulations of, ii. 403.
club, ii. 521.
contractures of, ii. 367.
paresis of the, ii. 518.
reflex adduction of, ii. 12.
sensibility in, ii. 264.
stimulation of muscles of, ii. 14.
Foot, in amputation through leg, with free knee joint, v. 456.
amputation of, of Chopart and Lisfranc, v. 461.
of fore part, v. 463.
construction of, v. 35.
with lateral mobility, v. 434.
with movable ankle, v. 430.
projectiles in, v. 271, 351.
Foot-drop, ii. 181.
appliances for correction of, ii. 329, 339 *et seq.*
Foramen, optic, fracture of the, iv. 809.
the supra-orbital, iv. 790.
Forceps, Belot's, v. 158.
right-angled, of Wullyamoz, v. 297.
Forceps method of localisation of projectiles, v. 158.
Forceps, pressure, i. 654–655.
Forcible reduction, iv. 568.
Forci-pressure for permanent hæmotasis in wounds of blood vessels, iii. 36.
Forearm, ankylosis of, vi. 235.
motor points of, vi. 43, 46.
pseudo-arthrosis of bones of, prognosis in, vi. 489.
shaft of, prognosis in, vi. 449.

rtificial, artificial hand
l appliances, v. 476.
ent of, to elbow, v. 465.
oulder, v. 467.
y of armlet, v. 470.
ent parts of, v. 464.
int, v. 470.
f, for artificial hand or
liance, v. 498.
f attachment, v. 463.
e to rotation, v. 469.
e to upward pressure, v.

on of, v. 465.
bony union in, v. 547.
in, v. 269, 351.
rosis of, v. 572.
urisms of, v. 221.
ex in wounds of brain, v.

, v. 219.
hæmatoma in, v. 219.
of vessels in, v. 220.
ial artery, v. 220.
ar artery, v. 221.
ion and pronation con-
e of the, ii. 522.
ulnar nerve in, ii. 101.
ctures of, iv. 439 *et seq.*
s, in antrum, necessity
xtraction of, iv. 980.
iv. 983, 986–987.
moval of, iv. 980–982.
writers on, iv. 780 *et*

ry always to remove, iv.

, essential, iv. 315.
s in brain, iii. 761; iv.
965–968, 970, 977–

of, iii. 778, 779, 780, 781,

iii. 854.
, iii. 855.
with electromagnet, iii. 855.
with forceps, iii. 855, 858.
with magnetised withdrawal rod, iii. 857.
treatment of wounds following, iii. 858.
innocuousness of non-septic, iii. 765.
location of, iii. 764.
radiography in, iii. 754.
symptoms of, iii. 764.
Foreign bodies, in or near bone, operation for, v. 702.
Foreign bodies, in eye, localisation of, general theory of methods of, v. 142.
mistakes regarding, v. 116.
other than projectiles, v. 356.
remaining imbedded in bone, v. 550.
search for, history of case and clinical examination, v. 99.
radioscopic examination, v. 102.
in regions distant from wound of entry, v. 101.
"Fork back," ii. 113.
Fork rest, Raynal's, v. 489.
Formation of sequestra, v. 612–613.
"Formication of recovery," ii. 255, 256.
Formula, Renault's, i. 697, 698.
Formulaire pharmaceutique des hôpitaux militaires, i. 594, 595, 596, 603, 604, 606.
Fossa, right temporal, wounds of, iv. 899–900.
Fossæ, nasal, fractures and wounds of the, iv. 788, 902.
Foudroyant form of cholera, i. 395.
Fournier, Alfred, i. 525, 527, 528, 531, 548, 557, 565, 580, 691, 695.
statistics of, in syphilis, i. 528.
table of tertiary symptoms in syphilis of, i. 525.
urticarial roseola, i. 574, 575.
Fowler's position in treatment of abdominal wounds, iii. 533.
Fracture, compound, with chronic sinuses, v. 611.
consolidation of fractured bone in, v. 614.
pathology of, v. 611.
processes of, v. 612.
separation of necrosed bone in, v. 612.
consolidation of, v. 542.
gunshot, defects of bony union in, v. 541.
mal-united, effect of, on action of neighbouring joints, v. 739.
on ball-and-socket joints, v. 741.
on hinge joints, v. 742.
of humerus, v. 757.
of radius and ulna, resulting in limitation of range of supination, v. 759.
X-ray examination of, v. 64.
Fracture, Dupuytren's, vi. 403.
Fractures and wounds, of ankle, iv. 234 *et seq.*
of elbow, iv. 129 *et seq.*

Fractures and wounds, of foot, iv. 255.
of hip, iv. 184 *et seq.*
of knee, iv. 201 *et seq.*
of the shoulder, iv. 102 *et seq.*
of wrist, iv. 170 *et seq.*
Fractures, as regards operative interference, age in, iv. 737.
by contre coup does not exist, iv. 1015.
as sepsis first essential in treatment of, iv. 314.
"by contact," iv. 597.
caused by other projectiles than long range bullets, iv. 277.
chief types of, iv. 281.
comminuted, articular, iv. 7.
compound, treatment of, iv. 8.
conservative treatment of, general principles, iv. 313 *et seq.*
disinfection of, iv. 314 *et seq.*
gunshot, reduction of, iv. 353 *et seq.*
immediate results of, iv. 292 *et seq.*
immobilisation of, iv. 362 *et seq.*
implicating cavities neighbouring upon the orbit, iv. 946–948, 976–980.
infected, iv. 278, 294, 297, 304–305, 308–309.
bacteria concerned in, iv. 295.
involving joints, iv. 1 *et seq.*
of astragulus, iv. 241.
of elbow, types of, iv. 131–132.
of femur, iv. 205, 494 *et seq.*
shaft of, iv. 507.
of fibula, head and neck, iv. 577.
shaft, iv. 578.
types, iv. 577.
of the forearm, iv. 439 *et seq.*
essential points in anatomy, iv. 440.
types, iv. 441.
of humerus, iv. 385 *et seq.*
complicated, iv. 111.
shaft of, iv. 406.
neck of, clinical course, iv. 387.
physiological features of, iv. 386.
types, iv. 385.
of joints, resection of, iv. 12.
of leg, iv. 554 *et seq.*
shaft, appliances for, iv. 560 *et seq.*
types, iv. 554.
of lower limb, multiple, iv. 581.
of malleolus, iv. 579.
of mandible, alveolar border, iv. 601.
anterior, iv. 676 *et seq.*
anterior, old, iv. 682.
Fractures, effect of mal-united, on action of neighbouring joints, vi. 405.
on ball-and-socket joints, vi. 417.
extra-capsular, of neck of femur, vi. 422.
humeral, mal-union of, vi. 425.
mal-united, of humerus, effects of, on range of movements of shoulder joint, vi. 424.
of bones of chest wall, as a complication in war wounds of chest, vi. 769.
clavicle, frequency of, vi. 685.
femoral neck, vi. 422.
ribs, bone lesions in, vi. 684.
scapula, in pleuro-pulmonary wounds, vi. 685.
shaft of femur, mechanical consequences of, vi. 422.
sternum, rare occurrence of, vi. 685.
Fractures, of mandible, at angle of jaw, iv. 616, 641.
closure of jaws, iv. 646.
due to ankylosis, iv. 648.
complete, iv. 602–603.
complete, anterior, iv. 603.
complete, lateral, iv. 609 *et seq.*
complications of, iv. 663–664.
coronoid process, iv. 601.
diet suitable for, iv. 676.
double and multiple, iv. 620 *et seq.*
etiology of, iv. 597.
expansion apparatus, iv. 685.
facial asymmetry, iv. 637.
incomplete, iv. 600.
indemnity for, iv. 767 *et seq.*
inferior border, iv. 601.
intermaxillary anchorage, iv. 689.
mechanical treatment, iv. 703.
at ramus, iv. 617, 642, 706.
medium, anterior, immobilisation of, iv. 681.
old, iv. 640–641.
operative technic, iv. 736 *et seq.*
periods of treatment, iv. 670.
preparatory treatment, iv. 675.
radiography in, iv. 644.
recent, iv. 633 *et seq.*
stages of treatment, iv. 629.
temporo-mandibular joint, iv. 601.
time for operation, iv. 758.
types, iv. 509 *et seq.*
usually compound, iv. 624.
of orbit, iv. 777 *et seq.*

Fractures of orbit, accompanied by destruction of neighbouring cavities, iv. 946 *et seq.*
complications, treatment of, iv. 970 *et seq.*
direct, iv. 806.
eye preserved, no retention of foreign body, iv. 813–837.
foreign body retained, iv. 837 *et seq.*
general considerations, upon, iv. 802 *et seq.*
historical view, iv. 777 *et seq.*
implicating neighbouring cavities, iv. 976 *et seq.*
indirect, iv. 804.
intracranial complications, iv. 979.
pathogenesis, iv. 807 *et seq.*
reparative surgery in, iv. 993 *et seq.*
some recent writers on, iv. 785.
statistics, iv. 783.
statistics, in present war, iv. 802 *et seq.*
with destruction of eyeball, iv. 938 *et seq.*
with preservation of eyeball, iv. 813.
without injury to optic nerve, iv. 805.
of patella, iv. 205.
of posterior tarsus, iv. 243.
of radius, iv. 465.
of shaft, general study, iv. 277 *et seq.*
of tibia, iv. 205, 574.
extra-articular, iv. 574–575.
lower end, iv. 576.
shaft, iv. 575.
of trochanter, iv. 186.
of ulna, iv. 484 *et seq.*
of upper limb, multiple, iv. 490 *et seq.*
operative technic outlined, iv. 316.
parietal, excision of, iv. 11.
pathological anatomy of, iv. 280 *et seq.*
pathological changes following, iv. 294, 297, 304–305, 308–309, 397 *et seq.*, 406, 458, 574.
produced by long-range bullets, iv. 277.
supra-condylar, iv. 433.
supra-malleolar, iv. 569 *et seq.*
time of operation for, iv. 333 *et seq.*
Fracture, of orbit, treatment of, iv. 1 *et seq.* iv. 277 *et seq.*
essential points of, iv. 313, 314.
with large loss of bony substance, iv. 622 *et seq.*
Fractures of skull, manifestations of, cephalic tetanus with ophthalmoplegia differentiated from, i. 739.
Fragments, angulation of, v. 542.
shortening of, v. 542.
in femur, v. 546.
Fragments, shortening and angulation of, vi. 396.
Fragments, types of, iv. 283.
France, frequency of paratyphoid fever in, i. 254.
typhoid fever prevalent in, i. 156 *et seq.* 215. (*Cf.* Epidemics.)
water supply of, i. 212.
Franco-Prussian War, dysentery in, i. 340.
typhoid cases in, i. 161.
Francois-Franck, experiments, ii. 573 *et seq.*
on vascular nerves, ii. 588.
"Frank" febrile attacks in secondary paludism in malaria, i. 1005.
Free dispensaries for treatment of syphilis, i. 690.
Free prostitution and treatment, i. 700.
Freeing the nerve, successful results of, ii. 305. (*See also* Liberation of nerve.)
Frees' foot and knee, v. 437.
French and Flemish soil contaminated, cause of tetanus, i. 920.
French army, typhoid fever in, i. 158, 169, 172, 202.
Froment, J., and Wehrlin, appliance, ii. 344.
Froment's sign, ii. 97.
test for return of motor function, ii. 281.
Front, army treatment at the, i. 649.
Frontal lobe of brain, contusion of, iii. 737.
wounds of, iii. 598.
anatomy of, iii. 598.
complications of, iii. 604.
auditory lesions in, iii. 607.
facial paralysis in, iii. 604.
frontal sinus lesions in, iii. 605.
ocular lesions in, iii. 605.
choroido-retinal, iii. 607.

Frontal lobe of brain, contusion of ocular lesions in, of macula, iii. 606.
of oculo-motor nerves, iii. 606.
of optic nerve, iii. 605.
cranio-cerebral topography of, iii. 561.
diagnosis of, iii. 608.
differentiation of, from wounds of frontal sinus, iii. 603.
extensive, iii. 603.
physiology of, iii. 600.
in animal experimentation, iii. 601.
in human pathology, iii. 601.
motor symptoms in, iii. 602.
psychic symptoms in, iii. 602.
symptoms of, iii. 603.
treatment of, iii. 608.
plastic operation in, iii. 608.
Frontal sinus, lesions of, in wounds of frontal lobe, iii. 605.
wounds of, iii. 603.
differentiated from wounds of frontal lobe, iii. 603.
with orbital fractures, iv. 956, 959, 980.
Fulminating form of bacillary dysentery, i. 300.
Function, recovery of, essentials for, iv. 22.
Functional blindness in shell shock, ii. 869.
motor disorders, rarity of, ii. 436.
Functional disorders, simulation of, vi. 602.
Functional result, aim of operation, iv. 142.
Fundus ocular, in wounds frontal lobe, iii. 606.
Furlough, syphilitic patients and, i. 675, 676.
Furuncle, diagnosis of, v. 809.
treatment of, v. 811.
Furunculosis, i. 79.

Gaertner's bacillus, i. 259.
Gaertner's tonometer, ii. 534.
Gait, affections of, differential diagnosis of, ii. 758, 759.
bather's, ii. 757.
knock-kneed, ii. 755.
psycho-neuropathic disturbances of, ii. 751 *et seq.*
scrubber's, ii. 757.
tests of vicious posture in, ii. 762.
tight-rope walker's, ii. 765.
Gait in wounds of brain, iii. 580.
in wounds of cerebellum, iii. 712.
Galezowski on orbital fractures, iv. 782.
Gall-bladder, seat of infection of dysentery bacilli, i. 348.
typhoid bacilli in, i. 178, 188.
Galton's whistle, in examination for deafness, v. 956.
Galvanic apparatus, use of, in electro-diagnosis, vi. 4.
Galvanic current, stimulation with, vi. 21.
Galvanic current, the, ii. 324.
exploration, ii. 17.
investigations, ii. 266.
Galvanic excitability, increase of, vi. 84.
Galvanic exploration, in electro-diagnosis, vi. 29, 30.
Galvanic hyper-excitability of nerve or muscle, vi. 54, 84.
Galvanic hypo-excitability of nerve or muscle, vi. 54.
Galyl, i. 636, 637.
Gametes, i. 940.
chronicity of malaria due to resistance of, i. 942–943.
of Plasmodium falciparum, i. 1030.
of Plasmodium malariæ, i. 1033.
of Plasmodium vivax, i. 1027.
parthenogenesis of, i. 942.
Ganges, bactericidal properties of, for cholera vibrio, i. 431.
Gangrene, ii. 212.
Gangrene complicating typhus exanthematicus, i. 465.
in cholera, i. 392.
cutaneous, i. 392.
of extremities, i. 392.
visceral, i. 392.
in syphilis, of genital organs, i. 557, 562, 563.
in typhoid of skin, i. 78.
pulmonary, i. 40.
symmetrical, in second phase of primary paludism in malaria, i. 987.
Gangrene following ligature of blood vessels, iii. 40.
causes of, iii. 41.
statistics of, iii. 42.
Gangrene following use of tourniquet in closure of wounds of blood vessels, iii. 31.
Gangrenous abscess, in infections of lungs, vi. 844.
pleuro-pulmonary infection, diagnosis of, vi. 831.

Gangrenous abscess, infection, treatment in, vi. 831.
Gangrenous dysentery, i. 301.
Ganser's syndrome and simulation, vi. 604.
Gargles, i. 644.
Garton (Capt. Wilfed), on treatment of shell shock, ii. 866.
Gas collapse, treatment of, v. 774.
Gas gangrene, iv. 298 *et seq.*
does not accompany wound of face, iv. 632.
Gas gangrene coincident with tetanus, i. 920.
Gas gangrene, deep, symptoms of, v. 764.
indications for amputation of an extremity with, v. 767.
onset of, v. 763.
treatment of, amputation, indications for, v. 767.
antitoxin, v. 768.
assisted by phenolising of wound cavities, v. 766.
conservative measures, v. 766.
general, v. 766.
surgical, summary of, v. 767.
Gas gangrene, pleuro-pulmonary, diagnosis of, vi. 829.
prognosis of, vi. 828.
symptoms of, vi. 828.
Gas infection, forms of, benign epifascial, v. 765.
frequency of, in wounds, v. 763.
malignant subfascial or intramuscular, v. 765.
local, symptoms, of, v. 764.
treatment of, v. 765.
surgical, summary of, v. 767.
Gas poisoning, chlorine, venesection in, v. 775.
first and second stages of, v. 769.
prevention of, v. 776.
symptoms of, v. 771.
treatment of, early, v. 774.
general, v. 775.
local, with internal oily applications, v. 774.
venesection, v. 775.
Gascard and Buguet process, v 208.
Gases, poison, v. 769.
Gassing. *See* Gas Poisoning.
Gastralgia, i. 594.
Gastric derangement, febrile, in first invasion of primary paludism of malaria, i. 951.
diagnosis in, i. 953, 954.
general symptoms in, i. 951, 952
Gastric derangement, pulse in, i. 953.
temperature in, i. 953.
Gastric symptoms in typhoid fever, i. 29.
Gastric typhoid, i. 9.
Gastro-bilious syndrome in second phase of primary paludism in malaria, i. 974.
Gastro-intestinal disease, i. 254.
disorders, i. 635.
form of typhoid fever, in infants, i. 13.
troubles in war time, i. 232.
Gastrocnemius muscle, ii. 161, 172.
fibres for, ii. 354, 358.
Gastrostomy not indicated, in fractures of mandible, iv. 666.
Gatelier in laparotomy, iii. 314.
Gaucher, i. 505, 588.
Gaudier on laparotomy, iii. 320.
Gauthier in treatment of abdominal wounds, iii. 286.
Gautier, Armand, i. 612.
Gedroitz, Princess, on laparotomy, iii. 282.
Gemellus, inferior and superior, nerves to, ii. 197.
Generalised exfoliative erythrodermia, i. 635.
Gengou, i. 554.
Genital herpes, i. 557, 558.
Genital organs in syphilis, excoriations of, i. 562.
gangrene of, i. 562.
in typhoid, female, i. 73.
Genito-crural nerve, ii. 194.
lesion of, ii. 205.
Genito-urinary system, the hygiene of, i. 127.
Geometrical triangulations, theory of, v. 142.
Germ carriers, researches on, i. 187.
German Expedition against the Herreros, mortality from typhoid fever, i. 162.
method of injection of anti-tetanic serum for treatment, i. 875.
Germans, susceptibility of, to typhoid fever, i. 169.
Germany, cholera in, i. 411.
most important seat of paratyphoid A and B, i. 254.
typhus in, i. 478, 480.
among prisoners, i. 484.
vaccination against cholera in, i. 450.
Giant chancre, i. 540.
plaques, i. 584.

Gibert's Pityriasis Rosea, i. 575, 576.
syrup, i. 594, 595.
Giegel's reaction, vi. 66, 85.
Giemsa's method of examination, i. 550, 551.
solution, i. 551.
Gigli saw, injury to brain and dura by, iii. 820.
Gigli's saw, use of, iv. 24.
Giroux, i. 588.
Glands, calcification of, v. 121, 257.
Glands, salivary, i. 72.
Glandular trouble, i. 72.
Glass bullets, v. 108 (*note*).
Glass syringe, i. 652.
Glioma, Nageotte's term, ii. 235, 240.
Globe of eye preserved, iv. 814.
Glossitis, marginate exfoliative, i. 583.
Glossolabial hemispasm, ii. 409.
Glossopharyngeal nerve, ii. 224.
"Glossy skin" in peripheral lesions, ii. 211.
Gloves, X-ray, v. 97.
Gluteal artery, aneurism of, iii. 231.
wounds of, iii. 226.
external hæmorrhage in, iii. 226.
nature of, iii. 227.
treatment of, iii. 227.
exposure of vessel in, iii. 227.
ligature in, iii. 227.
Gluteal nerves, ii. 197.
reflex, the, ii. 13.
Gluteus maximus, ii. 197, 200.
medius, ii. 198, 200.
minimus, ii. 198, 200.
Godart, M. Justin, i. 506, 535, 692.
Going upstairs, impossible in paralysis of gluteas maximus, ii. 198.
Goitre, exophthalmic, in connection with shell-shock, vi. 526.
Golgi-manzoni, organs of, ii. 83.
Gonin on hæmatoma, iv. 866–867.
Goniometer, description of, vi. 225.
Gonorrhœa, increase of, i. 504.
Gonorrhœal arthritis, i. 520.
Gorse on Murphy's operation in treatment of abdominal wounds, iii. 321.
Gosset on laparotomy, iii. 308.
Gosset's method of end-to-end suture, ii. 311.
method of treatment of lateral notch, ii. 313.
report on sutures and nerve grafts, ii. 308.
Gosset's modification of Morestin's use of costal cartilages in cranioplasty, iii. 861.
Govaerts, Mme., i. 510.
Gracilis muscle, ii. 200.
Graduated crosses, process of, v. 212.
Graft, autoplastic, vi. 442.
heteroplastic, vi. 442.
homoplastic, vi. 442.
taking of, vi. 443.
Graft, in aseptic cases, v. 565.
autoplastic, v. 565.
heteroplastic, v. 565.
homoplastic, v. 565.
"taking of," v. 565.
ultimate fate of, v. 565.
Grafting, bone, necessity for primary union after, vi. 444.
Grafts, iv. 932, 940, 947, 952, 995, 997–1014.
bony, results, in fracture of mandible, iv. 751 *et seq.*
Granular roseola, i. 574.
Grandgérard's "sector-guide," v. 169.
Graph method of drawing, v. 216.
Graphic method of hallion, ii. 510, 539 *et seq.*
curves, ii. 544 *et seq.*
technic, ii. 540.
Gras rifle, v. 130.
Grashey apparatus, v. 295.
Gratuities, v. 792.
for deafness, v. 1036.
Grave icterus, i. 588.
Graves' disease, etiology of, ii. 771.
in connection with shell-shock, vi. 526.
Grawitz on laparotomy, iii. 271.
Great sciatic and popliteal nerves, ii. 165, 191.
dissociated paralysis, ii. 187.
electrical disturbances, ii. 169.
evolution, ii. 170.
incomplete paralysis, ii. 173.
motor disturbance, ii. 165.
painful lesions, ii. 174.
of milder degree, ii. 178.
pathogeny of, iii. 179.
recovery, ii. 171.
sensory changes, ii. 166.
total paralysis, ii. 165, 181.
recovery, ii. 186.
vasomotor, secretory thermal changes, ii. 166.
Great sciatic nerve, anatomy, ii. 153.
disturbances of objective sensibility, ii. 293.
lesions of, ii. 394.
Delorme's resections, ii. 303.
muscles supplied by, ii. 158..

Great sciatic nerve, points of election for palpation, ii. 292 (*note*).
recovery of sensibility, ii. 264.
unsatisfactory regeneration of, ii. 307, 310.
vascularisation of, ii. 179.
Greek army in Balkan war, vaccination against cholera in, i. 450.
Grégoire on treatment of abdominal wounds, iii. 326.
Grenades, v. 139.
Grenades, abdominal wounds caused by, iii. 336.
Grey oil, injections of, i. 600, 602, 603.
Gripouilleau, agricultural hook and ring, v. 504–506.
ploughman's hand, v. 141, 521.
vine-dresser's hook, v. 492.
Grunhagen's experiment in connection with excitability and conductivity, vi. 16.
Grunspan, Dr., on electrical treatment of paralysis, ii. 325.
on electro-diagnosis, ii. 15.
Mlle., method of radiotherapy, ii. 327.
Gudin's localiser-guide, v. 197.
Guillain's hypothesis, ii. 395.
Guilleminot on the plane of examination, v. 48.
Guilleminot's radiogoniometer, v. 203.
Guilloz's tube with double anticathode, v. 229.
Guinea-pigs, result of pure cultures of typhoid bacillus in, i. 40.
Gumma, i. 531.
Gummatous iritis, i. 587.
Gunshot fractures, chief characteristics of, v. 611.
defects of bony union in, v. 541.
Gunshot wounds, gangrene in, following ligature, iii. 41.
Gurgling, i. 30.
Gustatory sensibility, ii. 221.
Gutter-wounds of skull, operative treatment of, iii. 837.
cutaneous flap in, iii. 827.
digital exploration under serum irrigation in, iii. 831.
drainage in, iii. 831, 834.
hæmostasis in, iii. 827.
opening of dura in, iii. 829.
radical removal of bone in, iii. 832.
suture of dura in, iii. 830.
suturing of epicranium beneath scalp opening in, iii. 833.
trimming of osseous furrow in, iii. 838.
Gutter-wounds of skull, value of, iii. 835.
Guyon's amputation, v. 458.
Guyon's supra-malleolar amputation, iv. 261.
Gymnastics, ii. 322.

Habit-limping, ii. 759 *et seq.*
causes of, ii. 760.
diagnosis of, ii. 764.
nature of, ii. 763.
Habit-paralyses, and contractures, ii. 729.
Hæmarthrosis with wounds of knee, iv. 7.
Hæmatic pigment, diffusion of, iv. 1017.
Hæmatoma, arterial, differentiated from traumatic aneurism, iii. 111.
diffuse, in vascular wounds, iii. 63.
complications of, iii. 84.
extensive, developing rapidly, iii. 72.
inflammatory distention differentiated from, iii. 69.
mechanism of, iii. 63–64.
serious symptoms in, iii. 71.
small, developing slowly, iii. 74.
traumatic shock in, iii. 71.
diffuse aneurismal, iii. 13.
Hæmatoma, as a result of pleuro-pulmonary wounds, vi. 683.
traumatic, occurrence of inflammatory changes in, vi. 757.
Hæmatomyelia following shell shock, ii. 462.
Hæmatozoa of malaria, i. 939.
anopheles mosquito medium of inoculation with, i. 939.
asexual development of, in human body (schizogony), i. 939.
effects of quinine on elements in, i. 941.
Hæmatoma of the sheaths of the optic nerve, iv. 865–871.
in the newborn, iv. 874.
theory of, iv. 1017.
Hæmatozoa of malaria, asexual development of, in human body, elements formed in:
amœboid body, i. 940.
gametes, i. 940.
merozoite, i. 941.
rosette body, i. 941.
schizont, i. 939.
parthenogenesis or retrogressive schizogony in, i. 942.

Hæmatozoa of malaria, diagnostic characters of, i. 1025.
chart, i. 1032.
of Plasmodium falciparum, i. 1029.
gametes of, i. 1030.
schizont of, i. 1029.
of Plasmodium malariæ, i. 1031.
amœboid bodies of, i. 1031.
gametocytes of, i. 1033.
rosette bodies of, i. 1031.
schizonts of, i. 1031.
of Plasmodium vivax, i. 1025.
amœboid body of, i. 1027.
blood corpuscles in, i. 1025.
gametes (or gametocytes) of, i. 1027.
parasite itself in, i. 1025.
schizont of, i. 1025.
in relapse, i. 942.
sexual development of, in Anopheles mosquito (sporogony), i. 943.
elements formed in:
flagellated bodies, i. 944.
macrogametes, i. 943.
microgametes, i. 943.
oöcyst, i. 945.
oökinete or zygote, i. 944.
sporozoite, i. 945.
Hæmaturia in syphilis, i. 648.
Hæmianopia, iv. 804–805.
Hæmoglobin in typhoid, i. 45.
Hæmoglobinuric fever, bilious, in secondary paludism in malaria, i. 1011.
attack of, i. 1013.
blood in, i. 1014.
course of, i. 1014, 1015.
icterus in, i. 1013.
occurrence of, i. 1013.
urine in, i. 1014.
early bilious, in malaria, i. 989.
Hæmolysis, persistent, hæmothorax with, vi. 735.
Hæmolytic icterus, i. 588.
Hæmoptysis as a late complication in pleuro-pulmonary wounds, vi. 766.
initial, differentiated from secondary or delayed hæmoptysis, in pulmonary wounds, vi. 765.
persistent, types of, vi. 768.
treatment of, vi. 786.
secondary or delayed, as a complication in pleuro-pulmonary wounds, vi. 765.
Hæmoptysis as a late complication in pleuro-pulmonary wounds, etiology of, vi. 765.
differentiated from initial hæmoptysis, in pleuro-pulmonary wounds, vi. 765.
in open wound of thorax, vi. 822.
treatment of, vi. 786.
Hæmorrhage, by contre coup, iv. 875.
choroidal, iv. 905–906.
into optic nerve, iv. 866–867.
intra-orbital, iv. 872–879.
mascular, iv. 820–821, 839, 862, 870–871.
retinal, iv. 870.
secondary, complicating lesions of jaw, iv. 663.
secondary, grave symptom in fracture of mandible, iv. 632.
traumatic into orbit, iv. 872 *et seq.*
Hæmorrhage, effect of, on pulmonary lesions, vi. 689.
intra-pleural, means of recognising arrest of, vi. 803.
means of recognising continuation of, vi. 803.
stopping of, in hæmothorax, vi. 712.
Hæmorrhage, external, in extensive wounds of blood vessels, iii. 24.
from artery, iii. 24.
from both artery and vein, iii. 25.
from vein, iii. 24.
results of iii. 25.
death, iii. 25.
spontaneous hæmostasis, iii. 25, 28.
in abdominal wounds, iii. 467.
intra-peritoneal, treatment of, iii. 90.
pleural, treatment of, iii. 90.
reactionary, in extensive wounds of blood vessels, iii. 28.
precariousness of spontaneous hæmostasis in, iii. 28.
Hæmorrhage in typhoid fever, i. 9, 40.
intestinal, i. 32.
in paratyphoid fevers, i. 88.
rupture and, i. 74.
Hæmorrhages, ii. 418.
effusion, evacuation of, vi. 788.
Hæmorrhagic anæmia in second attacks in primary invasion in malaria, i. 971.
early appearance of, i. 972.
quinine in, i. 972.

Hæmorrhagic anæmia in second attacks in primary invasion in malaria, symptoms of, i. 971.
Hæmorrhagic complications in pleuro-pulmonary wounds, vi. 765.
frequent occurrence of, vi. 765.
Hæmorrhagic dysentery, i. 303.
pleurisy, i. 40.
typhoid fever, i. 32.
Hæmorrhoidal nerve, ii. 196.
Hæmostasis, essential, iv. 349.
Hæmostasis, permanent, in treatment of wounds of blood vessels, iii. 33.
choice of method in, iii. 40.
ligature in, iii. 40.
suture in, iii. 43.
forci-pressure in, iii. 36.
ligature in, iii. 33.
advantages of, iii. 40, 45, 46.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene following, iii. 40–43.
too tight, iii. 34.
suture in, iii. 37.
asepsis in, iii. 43.
circular, iii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
Hæmostasis, spontaneous in hæmorrhage from wounds of blood vessels, iii. 25.
precariousness of, iii. 28.
Hæmostatic suture of osteo-plastic flaps in treatment of head wounds, iii. 789, 840.
Hæmostatic treatment, in wounds of chest, vi. 804.
Hæmothorax, absorption of effusion in, vi. 732.
and pleurisy with exudation, vi. 734.
and sero-fibrinous pleurisy, vi. 735.
as a result of pleuro-pulmonary wounds, vi. 709.
aseptic, in early stages, cytology of, vi. 725.
qualitative investigation, vi. 726.
quantitative investigation, vi. 726.
coagulability of fluid of blood in, vi. 714.
etiology of, vi. 709.
Hæmothorax, evolution of, vi. 732.
fluid, bile pigments in, vi. 723.
method of demonstrating, vi. 723.
cause of hæmolysis in, vi. 725.
corpuscular resistance to hæmolysing agents in, vi. 724.
hæmolysis of, vi. 721.
duration of, vi. 722.
nature of, vi. 721.
incoagulability of, vi. 716.
causes of, vi. 716.
mode of production of hæmolysis in, vi. 724.
from wounds of vessels of the parietes, vi. 709.
importance of weapon of traumatism in, vi. 710.
increase of effusion in, vi. 787.
treatment in, vi. 787.
intermediate cases of, vi. 787.
treatment of, vi. 787.
of pulmonary origin, vi. 710.
operative measures in, vi. 788.
pathological physiology of, vi. 712.
recent aseptic, in closed thorax, vi. 713.
recurrent, in pleuro-pulmonary wounds, vi. 796.
recurring, in open wound of thorax, vi. 822.
secondary, as a complication in chest wounds, vi. 767.
signs of, vi. 750.
simple, vi. 733.
stopping of hæmorrhage in, vi. 712.
with persistent hæmolysis, vi. 735.
with pyrexia, etiology of, vi. 795.
treatment in, vi. 795.
with secondary exudative pleuritis, vi. 761.
with sero-fibrinous pleurisy, vi. 762.
Haffkine, prophylactic vaccination against cholera, i. 449–450.
Haga on laparotomy, iii. 283.
Hair, the, in lesions of peripheral nerves, ii. 213.
sensibility, ii. 259 (*note*).
Hair, treatment in typhoid fever, i. 127.
Hallion, graphic method of, ii. 510, 539 *et seq.*
Hallopeau on laparotomy, iii. 307–308.
Hallucinations, auditory in syphilis, i. 633.
Hallucinatory confusion, ii. 839.

Hallucinatory delirium, vi. 477.
mental confusion, causes of, vi. 465.
danger of cases of, in war, vi. 466.
in shell-shock, vi. 511.
psychosis, acute, vi. 477.
Hallux valgus, ii. 500.
treatment of, vi. 233.
Hamburg, cholera at, i. 433.
Hamilton, v. 663.
Hand, accoucheur's, ii. 509, 523.
appearance of, in complicated lesions, ii. 107.
atrophy of, ii. 77.
the muscles of the, ii. 507.
complete paralysis of the, ii. 361.
congealed, the, ii. 513.
contracture of the flexors of the, ii. 522.
contractures of various types, ii. 527.
flexion of, ii. 52.
hypotonic paralyses of the, ii. 527.
in infantile tetany, ii. 528.
in musculo-spiral paralysis, ii. 27.
in painful lesions of median nerve, ii. 70.
in total paralysis, ii. 55.
of ulnar nerve, ii. 93.
massage of, ii. 322.
nerves on dorsal aspect of, ii. 89 *et seq.*
stimulation of muscles, ii. 13.
"painful median," ii. 216.
"vascular," ii. 216.
Hand, aneurisms of, iii. 221.
wounds of, iii. 219.
Hand, appliances for use in place of, v. 488.
agricultural labourer's ring, v. 506.
American chuck, v. 502.
with ball joints, v. 508.
with bayonet joints, v. 508.
brushmaker's hook, v. 498, 499.
"cardan" joint, v. 506.
fixed, v. 492.
horticulturist's hand, v. 494.
knife and fork, v. 489.
leather-cutter's hand, v. 496.
length of forearm for, v. 498.
manipulating a file, v. 502.
mechanic's hand, v. 497.
with mobile joints, v. 503.
packer's hand, v. 495.
plumber's hand, v. 495.
postman's hand, v. 493.
Raynal's fork rest, v. 490.
for special crafts, v. 498.
Hand, appliances for use of in place of, for workmen, v. 491.
T-shaped clamp for holding tool handles, v. 501.
tram-driver's bell, v. 506.
vine-dresser's hand, v. 492, 493.
artificial, v. 477.
and appliances, for use with artificial arm and ratchet, v. 517.
automatic fingers, v. 485.
automatic thumb, v. 478.
Beaufort thumb, v. 479.
Brunet's grip, v. 487.
for commercial travellers, v. 482.
projectiles in, v. 269.
shape of, v. 483.
spring grip thumb, v. 477.
utility of, v. 476.
Hand grenades, v. 139.
Hand, total amputation of, iv. 173.
Handbook of Guidance and Reference, v. 771.
Hand, motor points of, vi. 44, 46.
multiple lesions of hand, in war surgery, vi. 232.
Hands as carriers of dysentery infection, i. 347.
Hands, precautions for, in X-ray examination and operations, v. 97, 319, 320, 323.
Hand-drop, appliances for correction of, ii. 329.
Haret's method of localisation, v. 175, 188, 231.
Hauchamp's atlas, v. 66.
Hawley's extension apparatus, iv. 522.
Hayem's serum for treatment of acute anæmia following wounds, iii. 47.
Hayem, solution for venous transfusion in cholera, i. 407.
Head and neck, localisation of projectiles in, v. 251.
Head, extraction from, v. 328.
Head, Henry, "A Human Experiment in Nerve Division," ii. 251.
experimental lesion, course, ii. 22 *et seq.*
Head, wounds of, iii. 555, 767. *See also under* Brain.
abscess of brain in, iii. 745. *See also* Abscess of brain.
aphasia in relation to, iii. 662. *See also* Aphasia.
cerebral concussion in, iii. 738. *See also* Concussion of brain.

Head, wounds of, cerebral contusion in, iii. 736. *See also* Contusion of brain.
complications of, iii. 842. *See also* Complications by name.
cerebral abscess, iii. 845.
cerebral hernia, iii. 847.
encephalitis, iii. 845.
epilepsy, iii. 852.
meningitis, iii. 742, 842. *See also* Meningitis.
cranio-cerebral topography in, iii. 560.
cranioplasty in, iii. 859.
indications for, iii. 859.
procedures for, iii. 860.
costal cartilages in, iii. 861.
metallic plates in, iii. 860.
driving in the bone, iii. 772, 773.
early operation in, iii. 768–769.
epilepsy in, iii. 752. *See also* Epilepsy.
examination of, iii. 559, 774.
anatomical considerations in, iii. 775.
brain in, iii. 776.
dura mater in, iii. 776.
skull in, iii. 776.
cerebral importance of, iii. 774.
differentiation between shock and intra-cranial tension in, iii. 776.
motor, sensitive and sensory symptoms in, iii. 774.
precautions in, iii. 777, 779.
progress of infection in, iii. 776.
search for foreign body in, iii. 778, 779, 780–781.
examination of patients in, iii. 555.
extraction of projectiles from, iii. 854.
route of, iii. 854.
search in, iii. 855.
with electromagnet, iii. 855.
with forceps, iii. 855, 858.
with magnetised withdrawal rod, iii. 857.
treatment of wound following, iii. 858.
frequency of, iii. 767.
in cerebellum. *See* Cerebellum.
in frontal region, iii. 598. *See also under* Frontal lobe.
in occipital region, iii. 678. *See also* Occipital lobe, wounds of.
in parietal region, iii. 642. *See also* Parietal lobe.
Head, wounds of, in Rolandic area, iii. 610. *See also* Rolandic area.
in temporal lobe, iii. 652. *See also* Temporal lobe.
localisation of, iii. 560.
location of, iii. 767.
lumbar puncture in treatment of, iii. 863.
neurological examination in, iii. 567.
lumbar puncture in, iii. 587.
of co-ordination, iii. 579.
of equilibrium, iii. 580.
of gait, iii. 580.
of reflexes, iii. 570.
colonus, iii. 574.
cutaneous and mucous, iii. 572.
of bones and tendons, iii. 570.
of segmental muscular power, iii. 567.
of sensation, iii. 575.
of sensory apparatus, iii. 581.
of speech, iii. 581.
radiography in, iii. 588.
non-penetrating, iii. 771, 773.
operative treatment of, iii. 782.
anæsthesia in, iii. 782.
general consideration of, iii. 782–783.
local, iii. 783.
chair for, iii. 786.
instruments for, iii. 784.
intradermic injection in, iii. 787.
position of patient in, iii. 785, 822.
solution for, iii. 785.
craniectomy in, iii. 797.
classes of wounds treated by, iii. 822–823.
difficulties attending, iii. 819.
hæmorrhage of diploë, iii. 819.
injury to dura and brain with Gigli's saw, iii. 820.
injury to sinus, iii. 821.
hæmorrhage from, iii. 821.
muscular flap in, iii. 821–822.
rupture of meningeal artery, iii. 821.
instruments in, iii. 797 *et seq.*, 823.
replacing of osteo-plastic flap in, iii. 817.
approximation and suture of edges in, iii. 817.
section of bone in, iii. 797.

Head, operative treatment of, craniectomy in, section of bone in, dura mater separator and protector in, iii. 801.
Gigli's saw in, iii. 801.
osteo-plastic flap in, cutting of, iii. 796.
fracture of base of, iii. 809.
selection of, iii 786–787.
trephining of skull in, iii. 798, 800.
treatment of injury in, iii. 813.
drainage tube in, iii. 816.
irrigation of cerebral wound with physiological serum in, iii. 816.
removal of splinters in, iii. 813.
repair of dura in, iii. 815.
search for projectile in, iii. 815.
value of, iii. 818, 835.
cutaneous incision in, iii. 789, 795.
hæmostatic procedure in, iii. 789.
in gutter wounds, iii. 837.
cutaneous flap in, iii. 827.
digital exploration under serum irrigation in, iii. 831.
drainage in, iii. 831, 834.
hæmostasis in, iii. 827.
opening of dura in, iii. 829.
radical removal of bone in, iii. 832.
suturing of epicranium beneath scalp opening in, iii. 833.
trimming of osseous furrow in, iii. 828.
value of, iii. 835.
osteo-plastic flap in, cutting of, iii. 796.
selection of, iii. 786–787.
results of, iii. 835.
shaving and cleansing of head preparatory to, iii. 768, 782.
trephining, wide, in, iii. 818, 819.
paralysis tests in, iii. 569.
passing through and out, iii. 770, 773.
penetrating, iii. 771, 773.
perforating, iii. 771, 773.
ploughing through skull and brain, iii. 772, 773.
post-operative treatment in, iii. 840.
drainage in, with cigarette drain, iii. 840.
Head, post-operative treatment in, dressing of wound in, iii. 840.
precautions against complications in, iii. 841.
removal of drain in, iii. 841.
removal of hæmostatic suture in, iii. 840.
search for and extraction of foreign bodies from, iii. 778, 779, 780–781.
sequelæ of operations in, iii. 838.
immediate, iii. 838.
shaving and cleaning of head in, iii. 768, 782.
subjective symptoms in, iii. 590.
course of, iii. 595.
differential diagnosis of, iii. 593.
ordinary syndrome of, iii. 590.
pathogenesis of, iii. 592, 596.
treatment of, iii. 596.
tangential, iii. 769, 770.
transport of wounded in, iii. 768.
trench-helmet and, iii. 767.
varieties of, iii. 769.
Headache as subjective symptom in traumatic cerebral lesions, vi. 578.
in infectious meningo-encephalitis, vi. 547.
in mental confusion, vi. 462.
in shell-shock, vi. 508, 522.
Headache, due to labyrinthine concussion, v. 904.
Headache in syphilis, i. 524, 585, 620.
and lumbar puncture, i. 585.
treatment of, i. 646.
in typhoid, i. 62, 147.
Headache in wounds of brain, iii. 590, 593.
Headaches, severe, ii. 780, 790–1.
Healing wound, with Carrel-Dakin method, iv. 50.
Hearing, acuteness of, and military fitness, v. 1033.
tests of. *See* Audition, functional examination of.
See Audition.
Hearing disorders of, ii. 480, 800 *et seq.*
Hearing in typhoid fever, i. 66.
Heart and lungs, injuries to, in war wounds of chest, vi. 773.
Heart disease, typhoid fever in, i. 19.
Heart disorders in paratyphoid fevers, i. 84.
Heart, projectiles in, v. 342.
localisation of, v. 258.
Heat, in prophylaxis of typhoid, i. 226,

Heat, its influence on typhoid fever, i. 166.
Heat regulation, complex mechanism of, in homoiothermic organisms, ii. 577.
insensibility to, ii. 252.
sensibility to, ii. 258.
Hebephrenia, ii. 422.
Hectargyre, i. 612.
Hedley process of localisation, v. 208.
Hedley and Mackenzie-Davidson process of localisation, v. 209.
Heitz-Boyer on laparotomy, iii. 315.
Heliotherapy, v. 652; iv. 90, 157.
action of, iv. 351.
marvellous results, iv. 29.
Hemiachromatopia in lesions of occipital lobe, iii. 699.
Hemianæsthesia, ii. 425.
Hemi-athetosis, i. 63.
Hemiopia, complete, in deep chronic abscess of brain, iii. 749.
homonymous lateral, in lesions of occipital lobe, iii. 687.
in lesions of occipital lobe, iii. 687, 691, 694.
in lesions of parietal lobe, iii. 649, 650.
inferior, in lesions of occipital lobe, iii. 691.
quadrantic, in lesions of occipital lobe, iii. 694.
Hemiopic scotoma in lesions of occipital lobe, iii. 696.
Hemiparesis of the tongue, ii. 226.
Hemiplegia, ii. 715 *et seq.*
associated laryngeal, ii. 227.
in a young subject, ii. 415.
hysterical and organic, differential diagnosis, ii. 727.
organic, signs of, ii. 599, 601, 718.
phenomena and hypothermia, ii. 417.
vaso-motor centers, ii. 418.
Hemiplegia in lesions of Rolandic area, iii. 620, 631, 637, 640.
in syphilis, i. 585, 586, 621, 647
treatment of, i. 647.
Hemoglobin, on affected side, alteration in, ii. 535.
Hemorrhage, in vascular lesions, ii. 211.
cerebral, cause of, ii. 862.
Hemorrhagic pachymeningitis, influence of alcohol in, vi. 587.
Hennequin's sling, iv. 521.
Henrad's process of localisation, v. 212.
Henrad telephone apparatus, v. 373.
Hepatic abscesses in dysentery, i. 307, 361.
in typhoid fever, i. 67.
Hepatitis, amœbic, i. 366.
suppurative, i. 365–366.
Heredity, maternal, mixed and paternal, in syphilis, i. 528.
Hernia of lung and pneumatocele, vi. 764.
as a complication on chest wounds, vi. 764, 821.
treatment of, vi. 821.
simple, of lung, treatment of, in open wound of thorax, vi. 821.
Hernia, visceral, iii. 455.
in wounds of abdomen, iii. 344, 371.
treatment of, iii. 489.
Herpes, genital, i. 557, 558.
Mauriac's neuralgic, i. 558.
prechancrous, i. 558.
Herreros, German Expedition against, typhoid in, i. 162.
Hersage, ii. 304–5, 315, 320.
Herxheimer's reaction, i. 620, 635.
Hetero-suggestion, ii. 461.
harmful in hysteria, ii. 629.
Hey's brilliant green, iv. 35.
Hey Groves apparatus, iv. 523.
High-voltage currents, production of, v. 1.
sources, v. 8.
Hinge joints, effect of mal-union on, vi. 408.
scientific method of estimating degree of flexion and extension in, vi. 223.
Hip, projectiles in, v. 270, 351.
Hip, the, examination of, ii. 4.
muscles of: physiology, ii. 197.
Hip, wounds and fractures of, iv. 184 *et seq.*
Hip wounds, operative technic, iv. 190 *et seq.*
patients seen late, iv. 199–200.
postoperative treatment, iv. 193.
Hip joint, ankylosis of, vi. 282.
mechanism of, vi. 418.
Hip joint, disarticulation at, artificial limb for, v. 444.
Hip-joint, the, muscular contractures of, ii. 368.
nerve-supply of, ii. 401.
von Hippel on indications of primary laparotomy, iii. 281.

Hippocrates, on foreign bodies in the orbit, iv. 777.
on fractures of the internal margin and wall, iv. 973.
Hirtz "localising compass," v. 174, 207, 214 *et seq.*, 234, 287, 294.
Hirtz stereoscope, v. 237.
Hirtz's compasses, iv. 13.
Hirtz-Gallot pierced screen, v. 182, 231.
His bacillus of dysentery, differential characteristics of, i. 322.
History of orbital fracture, iv. 777–788.
Histories, previous, in war deafness, v. 941.
History-taking, for patients with nerve injury, ii. 1.
Hocchst Chemical Dye Works, i. 613, 615.
Hoffmann, i. 549.
Holmes' test of resistance for localising cerebellar cortical symptoms, iii. 724.
"Holy-water basin hand," ii. 366.
Homer on orbital fracture, iv. 777.
Homoiothermia, ii. 577.
Hook and ring, agricultural, v. 504.
Boureau's, v. 504.
Hospital patients, in syphilis, advice to, i. 168.
and syphilitics, i. 673.
Hospital, munition workers and, i. 674.
services, additional, i. 692, 693.
treatment and officers, i. 674.
Hospitalisation, locality of, i. 676.
Hospitals, Broca, Cochin and St. Louis, i. 690, 695.
Hospitals for shock and other psychoses, ii. 869.
Hot baths, v. 728, 737.
Hot weather, and cholera, i. 414.
Houses, licensed, i. 696, 697, 699, 700.
Hudelo and Jeanselme, i. 690.
Humeral fractures, mal-union of, vi. 425.
Humerus, cavities and tunnels in, technique of operation for, v. 694.
false joints at, v. 568.
mal-united fractures of, effects of, on range of movements of shoulder joint, v. 757.
shortening of fragments of, v. 548.
Humerus, effects of mal-united fractures of, on range of movements of shoulder joint, vi. 424.
functional significance of shortening of, vi. 402.
indications for treatment in pseudo-arthrosis of, vi. 447.
Humerus, fractures of, iv. 385 *et seq;* ii. 392.
fractures of the neck, iv. 385.
fracture of shaft, iv. 406.
fractures of, complicated, iv. 111.
nerve to diaphysis of, ii. 398.
types of injuries of, iv. 115.
Humidity an aid to development of tetanus, i. 832.
Humoral reactions in typhoid infections, i. 118 *et seq.*
Hydræmia accompanying anæmia in second attacks of primary invasion in malaria, i. 970.
Hydrochloric acid, use of, in anti-tetanic serotherapy, i. 865.
Hydrogen peroxide, destruction of tetanus toxin by, i. 848.
in syphilis, i. 546.
Hydrophobia, differentiated from acute delirious mania, vi. 468.
Hydrophobic form of cephalic tetanus, i. 711.
Hydrostatic pressure, cause of fracture of orbit, not proven, iv. 807.
Hydro-therapeutic measures in typhoid fever, i. 133.
Hydrotherapy in psychoneuroses, ii. 881.
Hydrotherapy in treatment of subjective treatment in wounds of skull, iii. 596.
Hygiene, advice as to, in syphilis, i. 666, 667.
in treatment of tetanus, i. 887.
in typhoid, importance of, in the army, i. 242.
of the dwelling, i. 227.
public ignorance of, i. 229.
Hygiene and prophylaxis, ii. 628.
Hygroma, formation of, iv. 21.
Hyoscamus in tetanus, i. 889.
Hyperæsthesia, ii. 75, 104, 741, 975 *et seq.*
Hyperexcitability, vi. 68.
absolute longitudinal, vi. 102.
faradic, of muscle, vi. 53.

Hyperexcitability, galvanic, of nerve or muscle, vi. 54, 84.
longitudinal, vi. 64, 65.
relative longitudinal, vi. 102.
Hyperexcitability, cold water test, ii. 538.
faradic, ii. 513.
mechanical, ii. 536.
Hyperextension of phalanges, ii. 112.
Hypergastric region, wounds of, iii. 458.
Hyperidrosis, ii. 646–7.
Hyperostosis with chronic sinus, v. 626–631.
Hyperpyretic form of typhoid, i. 12.
Hypertension of cerebro-spinal fluid in cerebral hernia, iii. 847.
Hypertonic solutions, iv. 71 *et seq.*
Hypertonus, a term of distinction between contractures of the forearm and the lower limb, ii. 364, 527.
Hypertrichosis, ii. 296.
in neuritis and reflex contractures, ii. 563.
in reflex disorders, ii. 563.
Hypertrophied tonsils in syphilis, i. 584.
Hypnosis, as a method of curing hysterical amnesia, vi. 655.
battle, vi. 470.
Hypnotism, employment of, in hysterical dumbness and aphonia, vi. 605.
Hypochlorite solutions, employment of, iv. 45.
objections to, iv. 58.
Hypochlorite of sodium solution, i. 644.
Hypochlorites, iv. 35.
Hypochlorites as water purifiers, i. 237.
Hypochlorous acid preparations, Eusol and Eupad, iv. 67.
Hypochondriacs, general consideration of, vi. 595.
Hypo-excitability, vi. 69.
extreme, vi. 71.
faradic, of muscle, vi. 53.
galvanic, of nerve or muscle, vi. 54.
simple, vi. 70, 71.
Hypogastric artery, iii. *See* Iliac vessels.
Hypoglossal nerve, ii. 226.
cephalic tetanus with paralysis of, 742.
summary of, 916.
Hypothenar eminence, the, ii. 14.
muscles, ii. 92.
hyperexcitability in, ii. 365.
localisation of fibres for, ii. 354, 355.
paralysis of, ii. 95.
Hypothermia, ii. 650.
diagnostic of organic lesion, ii. 500.
in association with vaso-motor disorders, ii. 529.
(local) in paralysis with contractures, ii. 366.
most pronounced at extremities, ii. 529.
only slight in hysteria, ii. 500.
vaso-motor symptoms and, ii. 500.
Hypotonia, in connection with shell-shock, vi. 525.
Hypotonus, ii. 509.
in "congealed hand," ii. 509.
in paralysis, ii. 288, 363, 364.
influence of cold and fatigue, ii. 579.
muscular, ii. 554–7.
Hypotrichosis, ii. 296.
Hysteria, ii. 411, 412, 413.
absence of, in mental diseases, vi. 605.
mental confusions and delusions in, vi. 592.
abrupt treatment valuable in, ii. 632.
and epilepsy, differentiation, ii. 829.
and neurasthenia, frequent association of, ii. 424.
and reflex disorders, difference between, iii. 589.
and simulation, differentiation, ii. 624 *et seq.*
and somnambulism, vi. 592.
association of, with every affection, ii. 653.
"champion imitator," ii. 412.
circulatory and trophic changes, not caused by, ii. 419.
confidence in physician, effective in cure, ii. 630–1.
definition of, ii. 423.
detection of supposed causes of, ii. 428.
differentiated from epilepsy or simulation, vi. 592.
disorders not due to, ii. 509.
erroneous conclusions regarding lesions in, ii. 418.
excluded by profound emotion, ii. ii. 430–2, 436, 444–8.

Hysteria, hemorrhages in, not proven, ii. 418.
hypothermia in, ii. 500.
in connection with military crimes, vi. 620.
in regard to discharge from army, ii. 640.
intermediate period between shock and appearance of symptoms, ii. 447.
limitations of, ii. 419.
literature prior to the War, ii. 696.
published since the beginning of the War, ii. 699.
major, ii. 408, 413, 435, 521, 590.
manifestations of, ii. 433.
minor, ii. 408, 435.
modern conception of, ii. 414, 488.
motor disturbances in, ii. 462.
neuropathic heredity in, ii. 412.
ocular derangements in, i. 740.
of War, ii. 434.
old conception of, ii. 408.
provocative agents in, ii. 412.
regarded by some as an archaic syndrome, ii. 460.
rôle of emotion in, ii. 426–7, 430, 436.
sincerity of patient's suffering from, ii. 625.
stigmata of, ii. 412, 478.
tendon reflexes in, ii. 411.
tendon reflexes not exaggerated in, ii. 414, 417.
therapeutics in, ii. 630.
traditional doctrine, ii. 417, 423.
traumatic, v. 780 *et seq.*
treatment of, ii. 628.
according to mentality of patient, ii. 634.
vasomotor and trophic disorders in, ii. 486–8.
Hysterical amnesia, hypnosis as a method of curing, vi. 655.
disorders, combined with organic disorders, vi. 153.
dumbness, employment of hypnotism in, vi. 605.
psychoses, meaning of term, vi. 591.
Hysterical anæsthesia, ii. 458.
test for (Babinski), ii. 796.
variety and instability of, ii. 459.
and organic hemiplegia, signs for differential diagnosis, ii. 718–9.
attacks, test applied to, ii. 457.
claudication, ii. 469.
constitution, ii. 864.
contracture, ii. 463, 464.
Hysterical anæsthesia, and paralysis, characteristics, ii. 614–616.
diagnosis of, ii. 465.
contractures of trunk, cured by counter suggestion, iii. 746.
diagnosis and nature of, ii. 746–7.
and reflex contractures, differentiation difficult, ii. 748–9.
persistence in sleep, ii. 465.
phenomena of, ii. 464–5.
disorders, suggestion in production of, ii. 420.
not produced by emotion alone, ii. 430.
by railway accidents, ii. 429.
disturbances of gait, ii. 751 *et seq.*
edema, erroneous conclusion, ii. 418.
fever, ii. 419.
fits, ii. 456.
distinguished from epileptic fits, ii. 456.
hemianæsthesia, ii. 424.
hemiaplegia, ii. 409, 715 *et seq.*
disturbances of sensation in, ii. 718.
inactivity, ergograph studies, ii. 720.
kyphosis, ii. 467–8.
lesions, stages in, ii. 460.
manifestations, polymorphous, ii. 454.
monoplegia, ii. 426.
monoplegias and paraplegias, prognosis of, ii. 726.
mutism, ii. 410, 485.
ocular manifestations, rarity of, ii. 474.
outbreaks, control of, ii. 828–9.
pains, ii. 462.
paralysis, ii. 462.
and peripheral neuritis, differentiation, ii. 602 *et seq.*
and reflex paralysis, differentiation, ii. 614.
diagnosis by exclusion, ii. 592.
different from organic paralysis, ii. 417.
in relation to vasomotor or thermic disorders, ii. 487–8.
intrinsic characters, ii. 417.
test for, ii. 592.
transitory disappearance of, ii. 591.
paraplegia, ii. 426.
phenomena, ii. 439.
a product of emotion, ii. 430.
confused with reflex nervous disorders, ii. 499.

Hysterical anæsthesia, disappearance of, under counter phenomena, suggestion, ii. 421.
due to suggestion, ii. 421.
genesis of, ii. 434.
retention of urine, no true cases of, ii. 815.
rhythmic chorea, ii. 428.
states form, intensity, duration, ii. 422.
stigmata, ii. 424, 454, 455.
symptoms, ii. 425.
attempt to determine development of, ii. 427.
intermediate period, ii. 446.
result of moral and physical strain, ii. 434.
variation of, ii. 452.
visual disorders, ii. 474.
Hysterical deaf-mutism differentiated from aphasia, iii. 677.
Hysterical ptosis, i. 740.
Hystericus, status, ii. 408.
Hystero-epilepsy, misleading term, ii. 830.
Hystero-organic associations, ii. 435, 450.
Hystero-pithiatism, clinical description of, deaf-mutism, v. 925.
dulness of hearing, v. 929.
total or almost total deafness, v. 928.
definition of, v. 921.
etiology of, v. 922.
examination for, v. 930.
prognosis of, v. 929.
treatment of, v. 930.
abrupt, v. 932.
after failure of first attempt, v. 932.
neurological clinics for, v. 933.
re-education, discreet, v. 933.
success in, v. 932.
Hystero-traumatic brachial monoplegia, ii. 409, 414.
disorders, A. Leri on, ii. 460.
Hystero-traumatism, ii. 413, 421.
exaggerated development of idea of, ii. 498.
organic association, ii. 421, 425–6.
Hystero-traumatism, ocular manifestations of, i. 740.

Icteri, hæmolytic, i. 588.
in cholera, i. 393.
infective, in second phase of primary paludism in malaria, i. 976.
Icteri, mild, i. 67.
secondary syphilitic, i. 587.
syphilitic, i. 635, 647.
Icterus, accompanying anæmia, in second attacks in primary invasion in malaria, i. 972.
examination of blood in, i. 973.
gravis, i. 103, 588.
Idiomuscular contraction, ii. 13, 41, 63, 119, 134, 185.
slowness of, ii. 295.
Iliac anus in treatment of abdominal wounds, iii. 389.
Iliac arteries, aneurism of, iii. 228, 229.
Iliac fossa, internal, projectiles in, v. 346.
Ilio-hypogastric nerve, ii. 194.
Ilio-inguinal nerve, ii. 194.
Ilio-psoas muscle, ii. 198, 200.
Iliostomy in abdominal wounds, iii. 539.
Immediate results of injuries, ii. 1.
Immobilisation, ii. 391, 580; iv. 417.
aspects of, ii. 582.
(prolonged) of limb, ii. 373 *et seq.*, 379.
apparatus for lateral fracture of mandible, iv. 700.
ideal, iv. 365.
limited, iv. 378.
of fractures, iv. 362.
of jaw, easy, iv. 593.
of jaws in occlusion, iv. 705.
of joints, iv. 28.
principles governing, iv. 364.
subsequent treatment, iv. 384.
Immobilisation and mobilisation in sound joints, vi. 297.
indications for, v. 716.
of injured joints, vi. 299.
normal, resulting in stiffness, v. 720.
prophylaxis of, v. 716–724.
treatment of, v. 725–738.
Immunity conferred by attack of bacillary dysentery, i. 344–345.
by dead cultures, i. 375.
by cholera vaccine, i. 448–453.
Impediments to nerve regeneration, ii. 249.
Impulsions, anxious, in mental depression, vi. 488.
Incision, to approach bone in musculo-spiral involvement, v. 553.
Incisions, exploratory, ii. 79, 309.

Incisions, simple dorsal racquet, vi. 231.
Inclinations of head in brachial plexus lesions, ii. 151.
Incomplete ankylosis, vi. 217.
of knee-joint, vi. 223.
bony ankylosis, vi. 217.
"Incomplete" mandibular fractures, types, iv. 601–602.
"Incomplete Section," ii. 241.
Incontinence of urine, ii. 813–4.
due to slight lesion of cauda equina, ii. 815.
essential, recurrence of, ii. 815.
"false," reason for, ii. 813.
following retention, ii. 815.
Incubation period in syphilis, i. 572.
of simple chancre, i. 536, 537, 560.
second, i. 572.
of paratyphoid fever, i. 81.
of typhoid fever, i. 3, 7.
Indemnity for loss of teeth, iv. 765.
Index finger, length of, v. 482.
Index test for localising cerebellar symptoms, iii. 724.
India, cholera in, i. 410.
Indirect contagion by patients or carriers in typhoid, i. 204 *et seq.*
Indirect fractures, of orbit, iv. 804.
theory of, iv. 807–812.
Individual instruction, in syphilis, i. 678, 679.
Induction balance, and its derivatives, v. 364.
description of, v. 364.
Induction balance coil, v. 68.
Indurated chancre, i. 540.
Induration, chancrous, i. 562.
papyraceous, i. 541.
Induration of the nerve (simple), ii. 248.
Inertia (moral), ii. 375.
Inexcitability, definition of, vi. 102.
including bipolar, definition of, vi. 102.
integral, vi. 101.
Infantry projectiles, v. 129.
Infantry rifle, v. 130.
Infants, rarity of typhoid fever in, i. 12.
three forms of typhoid fever in, i. 13.
Infected wounds, treatment of, v. xiii.
Infection in syphilis and pregnancy, maternal, i. 528, 529.
Vincent's spirillar, i. 585.
in typhoid, i. 259.
Infection, primary, recrudescence of, v. 541.
Infection, gangrenous, pleuro-pulmonary diagnosis of, vi. 831.
of pleura, anæsthesia in, vi. 852.
thoracotomy with rib-resection in, vi. 854.
after-treatment of, vi. 860.
technique of, vi. 854.
recrudescence of, in doubtful cases of ankylosis, vi. 228.
Infections of chest, diagnosis of, vi. 849.
pleuro-pulmonary, pneumonia and broncho-pneumonia as complications in, vi. 849.
Infections, toxic and emotional, chronic mental confusion in, vi. 559.
Infectious theory of origin of cephalic tetanus with ophthalmoplegia, i. 735.
wounds of face, differentiated from cephalic tetanus with facial paralysis, i. 728.
treatment of, i. 728.
Infective chancre, i. 564.
Infective endocarditis, typhoid form of, i. 103.
Infective lesions of lungs, treatment of, vi. 863.
Inferior dental nerve, section of, iv. 639.
Inferior maxillary nerve, ii. 220.
Inferior orbital margin and wall, fractures of, treatment, iv. 973.
Infiltration and tumefaction of chancre, i. 542.
basal, i. 562.
Infiltration of superficial layers, ii. 277.
Inflammation of bone. *See* Bone inflammation.
Inflammatory complications, iv. 889–890.
Inflammatory rarefaction, existence and position of patches of, vi. 221.
Inflammatory typhus, i. 466.
Influenza and typhoid fever, i. 19, 98.
and typhus, i. 470.
differentiated from typhus, i. 470.
Infraspinatus muscle, ii. 125, 129, 131.
Ingestion, in syphilis, mercurial medication by, i. 594.
Initiative, absence of, ii. 446.

Injections, mode of, in syphilis, i. 655, 656, 657, 658, 659, 660, 661.
Injections of cyanide of mercury, i. 640, 642.
precautions after, i. 663, 664.
of grey oil, i. 600, 602, 603.
of novarsenobenzol, i. 644, 645.
periodicity of, i. 628.
precautions after, i. 664, 665.
vehicle for, i. 616, 617.
Injections, soluble and insoluble, i. 600, 601, 602, 604, 605.
stages of, i. 653, 656, 657, 659.
in typhoid, in septicæmia, i. 141.
of normal saline solutions, i. 143.
technique of, i. 270.
Injured nerves, macroscopical and microscopical lesions of, ii. 231 *et seq.* (*See also* Lesions.)
Injuries, associated, of serous cavities, in war wounds of chest, vi. 772.
pleural, consideration of, in pleuropulmonary wounds, vi. 875.
Injuries of the bone, v. 58, 64.
Injury, to brain, accompanying fracture of orbit, iv. 785.
to eye, according to direction of projectile, iv. 813–814.
in middle ages, iv. 778.
to soft parts, accompanying fractures, iv. 288 *et seq.*
Injury of nerve filament in syphilis, i. 662.
Ink marker, v. 91.
Innervasions, abnormal, vi. 151.
mixed, vi. 150.
Inoculation of simple chancre, i. 559.
of syphilitic chancre, i. 542.
Insane uræmic cases, in connection with military crimes, vi. 616.
Insanity and malingering, vi. 607
apprehensive, vi. 490.
melancholic, vi. 490.
Insidious typhoid, i. 11.
Insolation, effects of, iv. 30.
Insomnia, clinical importance of, vi. 655.
Insomnia in typhoid fever, i. 59.
Insomnia in wounds of brain, iii. 592.
Inspection, medical, i. 504, 671, 672, 673.
Installations, v. 68.
portable, v. 70.
Instantaneous metrical gauge, v. 242.
Instep, wound of the, ii. 514.
Instillations, rectal, in typhoid, i. 138.
Instruction as to venereal danger, i. 682.
Instruments for mechanical guiding, v. 166.
Instruments in syphilis, i. 652.
Insular sclerosis cortical substance in complex syndrome of, vi. 585.
false, caused by hysteria or traumatic hysteria, vi. 585.
organic causes of, vi. 585.
Insurance statistics, i. 526.
Intellectual development, important factor in psychoneuroses, ii. 875.
Intelligence in aphasia, Pierre Marie's conception of, iii. 664.
Intensifying screens, v. 38, 40.
use and abuse of, v. 41.
Intensity, as a factor in the phenomena of stimulation, vi. 109.
Intentional tremor, iii. 717.
Intercostal neuralgia, i. 633.
Intermaxillary anchorage, method of, iv. 689.
Intermediate bacilli, typhoid affections and, i. 117.
Intermittent control, extractions with, v. 302.
method of, v. 323.
Intermittent cure, Fournier's, i. 598.
Internal cutaneous nerves, the, ii. 120–1.
popliteal nerve, ii. 157.
fibres for, ii. 354, 358.
muscles supplied by, ii. 161.
paralysis of, ii. 187.
situation of nerve bundles in, ii. 355.
saphenous, lesions of, ii. 205.
Internal orbital margin and wall, fractures of, treatment, iv. 973
International Bureau of Hygiene on bacteriological diagnosis of cholera, i. 442.
Interossei, ii. 164.
hyperexcitability in, ii. 365.
localisation of fibres for, ii. 354, 355, 358.
paralysis of, ii. 96.
plan of insertion, ii. 92.
Interosseous muscles, retraction of, ii. 214.
of the foot, ii. 14.
of the hand, ii. 14.
nerve (anterior), filaments from, ii. 398.

Inter-phalangeal amputations, preparation of end of stump in, vi. 230.
Interrupter, functions of, vi. 7.
lever, use of, in producing a tetanising current, vi. 3.
use of, in electro-diagnosis, vi. 3.
in production of contractions, vi. 6.
Interrupter-reverser, Courtade's description of, vi. 7.
Interrupting metronome, use of, in connection with electro-diagnosis tables, vi. 10.
Interruption, muscular signs, ii. 284.
sensory signs, ii. 285.
syndromes of, ii. 283, 284, 286.
Interstitial neuritis, ii. 249.
Intestinal complications in paratyphoid fevers, i. 88.
hæmorrhage, in paratyphoid fevers, i. 88.
in typhoid fever, i. 32, 145.
lavage, i. 144.
perforation in typhoid, i. 33, 89, 145
treatment of, i. 145.
symptoms in typhoid fever, i. 30.
syndromes in second phase of primary paludism in malaria, i. 981.
Intestine, cicatricial strictures of, in dysentery, i. 304.
typhoid bacilli in, i. 176.
Intestine, large, treatment of lesions of, iii. 499.
artificial anus in, iii. 502.
end-to-end anastomosis in, iii. 501.
lateral detachment of mesentery in, iii. 501.
splenic angle in, iii. 500.
sub-hepatic angle in, iii. 499.
suturing of, iii. 501, 502.
wounds of, healing spontaneously, iii. 348.
in ascending and descending colon, iii. 348.
in sigmoid flexure, iii. 350.
in transverse colon, iii. 350.
small, treatment of lesions of, iii. 493.
artificial anus in, iii. 497.
operation in, iii. 495.
after-effects of, iii. 496.
resection in, iii. 494.
method of, iii. 498.
wounds of, healing spontaneously, iii. 345.
Intestines, small, wounds of, "bursting" in, lesions caused by, iii. 362.
complete section in, iii. 358.
detachment of mesentery in, iii. 358.
favorable conditions for, iii. 345–347.
incomplete section in, iii. 358.
not healing spontaneously, iii. 358
perforations in, iii. 358.
permanency of, iii. 348.
unfavorable conditions for, iii. 347.
Intra-articular ankylosis, vi. 217, 219.
Intra-cerebral foreign bodies, with fracture of orbit, recovery, iv. 968.
Intra-cranial complications of orbital fractures, iv. 979.
Intrinsic muscles, lesions of, iv. 879, 882.
Intra-muscular injections in syphilis, of calomel oil, i. 604.
injections in tetanus, i. 923.
of mercury, i. 594, 600, 602.
of novarsenobenzol, i. 619.
of antitoxin, of doubtful value, i. 924.
Intra-nervous localisation, ii. 350 *et seq.*
neuroma, ii. 247.
Intra-parietal penetration, i. 661.
Intra-peritoneal hæmorrhage, treatment of, iii. 90.
Intra-pleural hæmorrhage, means of recognising arrest of, vi. 803.
continuation of, vi. 803.
Intra-pulmonary foreign bodies, treatment of, vi. 893.
technique in, vi. 893.
Intra-pulmonary projectiles, v. 336.
Intra-rectal instillations, i. 139.
Intra-spinal injections in tetanus, i. 923–926.
Intravenous injection of physiological serum for treatment of acute anæmia following extensive wounds of blood vessels, iii. 47.
Hayen's serum for, iii. 47.
Locke's serum for, iii. 47, 49.
method of, iii. 48.
results of, iii. 50.
Intravenous injections in syphilis, advantages of, i. 609.
apparatus for, i. 652.
difficulties of, i. 660, 661.
inconveniences of, i. 609.

Intraveneous injections in syphilis, mode of operation in, i. 655.
of cyanide of mercury, i. 608, 610, 611, 644.
dose for, i. 611.
precautions after, i. 663.
of mercury, i. 608, 609.
of neosalvarsan, precautions after, i. 664.
operative accidents in, i. 661.
technique of, i. 607, 608, 652.
in tetanus. i. 923.
Inversion apparent, vi. 58, 59.
of normal formula, vi. 55.
polar, vi. 56, 98.
reaction of, vi. 126.
Inversion of the iris, iv. 890–891.
Involuntary movements, ii. 75.
Iodated starch, iv. 80.
Iodide of potassium, i. 593, 594.
of sodium, i. 593.
Iodides, i. 593, 594.
Iodine in syphilis, i. 591, 593, 644.
gargle, i. 644.
Iodoform, a cause of photographic errors, v. 118.
Iodoform paste, v. 669.
in packing of cavities, v. 669.
Mosetig Moorhof's, v. 670.
experiments to replace iodoform with other antiseptic, v. 673.
results of, v. 674.
Iodo-mercuric cacodylate, i. 612.
Ipecacuanha in dysentery, i. 328–329.
Iridio-capsulotomy, iv. 989.
Irido-choroiditis, iv. 962.
Iris diaphragm of Béclère, v. 43.
Iris, injuries of, iv. 887 *et seq.*
with hæmorrhage, iv. 889.
Iritis of the aged, iv. 889 890.
Iritis in syphilis, i. 586, 587, 588.
and irido-choroiditis, i. 621.
treatment of, i. 647.
Irradiating neuritis, ii. 372.
Irradiation of nerves, ii. 327.
Irrigation in dysentery, i. 330–334.
Irritation, syndromes of, ii. 284–5.
Ischæmic myositis of flexors, ii. 105.
paralysis, ii. 611.
Isch-Wall, v. 669.
Ischio-rectal fossæ, projectiles in, v. 350.
Ischium, apparatus with bearing upon, v. 392.
artificial limbs not bearing on, v. 440.
Ischium, preparation of, for artificial limb, v. 393.
Isolation in contagious syphilis,i. 675.
of syphilitic carriers, i. 670, 673, 675.
in dysentery, i. 370, 373.
in typhoid, necessity of, i. 232, 243.
of patient in pschoneuroses, ii. 879.
Italian licensed houses, i. 700.
sterilising method of quinine administration in the intervals in secondary paludism of malaria, i. 1052.
Italy and anti-venereal struggle, i. 688.

Jaboulay's arthrotomy, iv. 207.
Jaboulay's method of drainage of supra-patellar pouch, iv. 210.
Jacksonian epilepsy in wounds of brain, iii. 757.
differential diagnosis of, iii. 759.
sensory type of, iii. 759.
sequelæ of, iii. 759.
symptoms of, iii. 758.
Jackson's tube, v. 4.
Jacond, amphibolic stage of, in typhoid fever, i. 55.
Japan, epidemic of dysentery in, i. 358.
Japanese army, the, few cases of typhoid fever in, i. 169.
Japanese, vaccination of, against dysentery, i. 375.
Jaugeas, M., v. 28.
process of localisation of, v. 190.
Jaundice in cholera, i. 393.
in syphilis, i. 524.
in typhoid, i. 66, 67.
Javelle water, in treatment of war wounds, iv. 65.
preparation of, iv. 66.
Jeanselme and Hudelo, i. 690.
and Vernes, i. 556.
Jendrassik's method of testing patellar reflex in wounds of brain, iii. 570.
Job's method of quinine administration in the intervals in secondary paludism of malaria, i. 1051.
Joint affections, accompanying nerve lesions, ii. 391 *et seq.*
frequency and seat of, vary according to nerve injured, ii. 392,

Joint, ankle, vi. 262.
ankylosis of, vi. 273.
arthrodesis of, indications for, vi. 395.
Joint, ankylosed, amputation through, vi. 231.
ankylosis of, vi. 405.
articular false, vi. 437.
usual position of, vi. 437.
ball-and-socket, vi. 408.
elbow, ankylosis of, vi. 220, 238.
at flexion, vi. 223.
backward dislocation of, vi. 220.
effects of dislocation of, vi. 220.
extension of, in ankylosis, vi. 223.
incomplete ankylosis of, vi. 239.
operative measures for redressment of, vi. 239.
false, pathological type of, vi. 438.
finger, ankylosis of, complications of, in war wounds, vi. 232.
hip, ankylosis of, vi. 282.
as example of ball-and-socket joint, vi. 417.
mechanism of, vi. 418.
knee, ankylosis of, vi. 279.
complete ankylosis of, vi. 223.
correction of deformity at, vi. 327.
incomplete ankylosis of, vi. 223.
metacarpo-phalangeal, in ankylosis, vi. 231.
preparation of end of stump in ex-articulation of, vi. 230.
mid-torsal, of Chopart, vi. 258.
mobilisation of, vi. 220.
position of fixation of, in complete ankylosis, vi. 217.
sagittal displacement of, vi. 410.
shoulder, cases of suppurative arthritis of, vi. 255.
sub-astragaloid, vi. 259.
tarso-metatarsal, of Lisfranc, vi. 258.
transverse displacement of, vi. 409.
wrist, ankylosis of, vi. 234.
performance of arthrodesis, vi. 379.
Joint angles, fixed system of expression of measurements of, vi. 223.
Joint, centring of, v. 58.
shoulder, effects of mal-united fractures of humerus on, v. 757.
Joint fractures, resection of, iv. 12.
Joint infection, types of, iv. 2 *et seq.*
with toxic symptoms, iv. 3.
Joint lesions, muscular atrophy in connection with, vi. 355.
Joint mobility, restoration of, vi. 223, 227.
Joint movement, limitation of, in ankylosis, vi. 222.
Joint, new, development of, iv. 21.
Joint resection as an alternative to amputation, vi. 230.
comparison of, and functional results of ankylosis, vi. 228.
in true and complete ankylosis, vi. 219, 227.
Joint stiffness, vi. 217.
direction and range of movement in vi. 217.
Joint wounds, evacuation of patients, iv. 33.
gravity of, iv. 1, 4.
uncomplicated, iv. 2.
Jointed splint, iv. 529.
Joints, after-affects of wounds in, v. 707.
Joints, ankylosis of, v. *See* Ankylosis.
false. *See* False Joints.
hinge, effect of mal-united fractures on, v. 742.
movable projectiles in, v. 272.
muscles of, lesions of, v. 711.
treatment of, v. 726.
stiffness of, v. *See* Stiffness of joints.
tendons of, lesions of, v. 711.
treatment of, v. 726.
Joints, ball-and-socket, effects of mal-union of fractures on, v. 751, 739; vi. 417.
calcaneo-cuboid and sub-astragaloid, arthrodesis of, vi. 371.
delayed union of, vi. 438.
elbow, functional results of ankylosis. in connection with, vi. 228.
false, characteristics of, vi. 435.
in shaft of bone, usual cause of, in war surgery, vi. 436.
indications for treatment in, vi. 440.
means of treatment of, vi. 440.
varieties of, vi. 433.
hinge, effect of mal-union on, vi. 408.
scientific method of estimating degree of flexion and extension in, vi. 223.
injured, immobilisation of, vi. 299.
measurement of rotation of, vi. 225.

Joints, mid-tarsal and sub-astragaloid, ankylosis of, vi. 278.
non-union of, vi. 438.
of foot, indications for arthrodesis, vi. 389.
shoulder, functional results of ankylosis, in connection with, vi. 228.
sound, immobilisation and mobilisation in, vi. 297.
stiff, vi. 286.
after-treatment, vi. 328.
characteristics of, vi. 287.
clinical characteristics of, vi. 287.
clinical types of, vi. 289.
curative treatment, vi. 305.
direct method, vi. 307.
dressing and method of fixation, vi. 328.
general etiology of, vi. 289.
indirect methods, vi. 305.
in good position, vi. 308.
in mal-position, treatment of, vi. 319.
lesions of, vi. 287.
manual mobilisation of, vi. 317.
mechanical mobilisation of, vi. 317.
mobilisation of, vi. 307, 308.
pathogeny of, vi. 287.
pathology of, vi. 287.
preventive treatment, vi. 297.
resumption of normal function in, vi. 300.
treatment of Napoleonic attitude in, vi. 312.
severe degrees of stiffness, vi. 318.
slight degrees of stiffness, vi. 308.
Joints, deformities of, due tc nervous causes, ii. 396.
examination of, ii. 3. (*See also* Articulations.)
passive movement of, ii. 322.
Joints, immobilisation of, iv. 28.
wounds of, iv. 1 *et seq.*
Joints, stiff, use of home mechanotherapy for, vi. 309.
Johnson, Hernaman, method of localisation of projectiles, v. 160.
Jollant and Warluz method of localisation, v. 228.
Jouon, eugenol paste of, v. 135.
"Jumping the bite." iv. 593.
Juxta-nervous neuroma, ii. 247
Kadarrov observations on vaccination against cholera, i. 451.
Keratitis, iv. 827, 840.
Kermig's sign, iv. 877, 977.
Key, Courtade's, description of, vi. 7, 9.
double, vi. 7, 59.
in studying breaks, vi. 9.
manipulation of, vi. 8.
Morse, two way, vi. 14.
use of in producing contractions, vi. 6.
simple, in studying breaks, vi. 9.
Kholini on medicinal treatment of abdominal wounds, iii. 283.
Kidney disorders in paratyphoid fevers, i. 89.
trouble in typhoid fever, i. 69.
Kidney, treatment of lesions of, iii. 575.
wounds of, healing spontaneously, iii. 352.
Kitasato, isolation and cultivation of tetanus bacillus by, i. 821.
Knee and ankle joints, combined mechanism for, v. 435.
Knee, bent, walking on, v. 446.
flexed. *See* Flexed knee.
Marks, v. 419.
method for attaching extension braces to front of leg, v. 425.
pinching of flesh behind, in flexion, v. 449.
projectiles in, v. 271.
Knee joint, ankylosis of, vi. 279.
correction of deformity at, vi. 327.
flail, vi. 451.
Knee, the examination of, ii. 4.
impotence of, causes, ii. 204.
Knee-extending mechanisms, v. 417.
Knee-extending sling, v. 423.
Knee-jerk, ii. 11, 169, 368, 520.
Knee joint, amputation through, v. 440.
for amputation through the leg, v. 453.
free, in amputations through leg appliances with bearing upon tuberosities of tibia, v. 447.
appliances with end bearing only, v. 457.
foot, v. 456.
methods of fitting, v. 447.
Knee, joint lesions, types of, iv. 208 *et seq.*
late pathological conditions of, iv 229 *et seq.*

Knee, wounds, and fractures of, iv. 201 *et seq.*
Knee joint, nerve-supply of, ii. 402.
Knife process of localisation, v. 177.
Krönlein's operation for removal of foreign body from eye, iv. 838, 840, 845, 981, 982.
Kummel's disease, differentiation of, ii. 743.
Küttner on laparotomy, iii. 280.
Kyphosis, ii. 466.
duration of time to effect cure, ii. 468.
hysterical, ii. 467–8.
traumatic, ii. 737.

Labarraque's solution, i. 331, 664.
La Baume-Pluvinel's telephone probe, v. 166.
Labyrinth, vestibular, wounds of, iii. 730.
Labyrinthine commotion, ii. 480–1.
disturbance, ii. 807.
with rupture of tympanum, grave prognosis of, ii. 808.
Labyrinthine concussion, due to direct violence to cranium nature of lesion, v. 885.
pathogenesis of, v. 886.
pathological anatomy of, v. 884.
prognosis of, v. 890.
seat of lesion, v. 884.
symptoms of, v. 888.
treatment of, v. 893.
from explosions, v. 894.
diagnosis of, differential, v. 909.
by lumbar puncture, v. 907.
positive, v. 906.
etiology of, v. 895.
determining causes, v. 897.
predisposing causes, v. 896.
vicarious rôle of rupture of tympanic membrane, v. 897.
frequency of, v. 895.
pathological anatomy of, v. 897.
prognosis of, v. 906.
symptoms of, ephemeral deafness, v. 899.
partial deafness, v. 900.
total or almost total deafness, v. 905.
treatment of early, v. 940.
later, v. 911.
preventive, v. 914.
Labyrinthine concussion, due to direct violence to cranium, cerebellum alone affected, v. 892.
course of, v. 886, 890.
Labyrinthine concussion, diagnosis of, v. 890.
etiology of, v. 883.
labyrinth alone affected, v. 891.
labyrinth and cerebellum both affected, v. 893.
Labyrinthine disturbances, and military fitness, v. 1033.
Labyrinthine syndrome following cerebellar wounds, iii. 730.
Laceration of nerves and muscles, iv. 852.
Lacrymal fossæ, iv. 791.
Lacrymatory gas, ii. 475.
Lactation, cholera and, i. 396.
Ladysmith, Siege of, i. 162.
Lambotte plate, iv. 546.
Lamellar sheath, the, ii. 231.
Landolt on orbital fractures, iv. 782.
Landouzy, i. 518.
Landry's disease, i. 64, 633.
Landsteiner, i. 566.
Laparotomy in abdominal wounds, iii. 478.
anæsthesia in, iii. 484.
general, iii. 485.
chloroform in, iii. 486.
ether in, iii. 485.
spinal, iii. 484.
arguments for, iii. 391.
cleansing and draining of peritoneum in, iii. 523.
closure of abdomen in, iii. 525.
conditions in, iii. 279.
diagnosis of lesions in, iii. 441.
clinical, iii. 446.
penetrating wound in, iii. 446.
abdominal syndrome in, iii. 451.
course of projectile in, iii. 447.
visceral injuries in, iii. 455.
in buttocks, iii. 463.
in flanks and the outer parts of the iliac fossæ, iii. 459.
in hypogastric region, iii. 458.
in lumbar region, iii. 463.
in umbilical region, iii. 456.
in upper abdomen, iii. 460.
thoracico-abdominal wounds, iii. 461.
visceral hernia in, iii. 455.
examination in, iii. 445.
radioscopy in, iii. 470.
methods of localisation of projectiles by means of, iii. 473.

Laparotomy in abdominal wounds, résumé in, iii. 476.
therapeutic indications in, iii. 463.
as regards patient, iii. 465.
cases for Murphy's operation, iii. 466.
hæmorrhage in, iii. 467.
hopeless cases in, iii. 466.
old wounds in, iii. 466.
shock in, iii. 467.
as regards projectiles, iii. 469.
as regards wound, iii. 464.
cases where operation is imperative, iii. 464.
cases which should not be operated, iii. 464.
doubtful cases, iii. 465.
distance and transportation to operation in, iii. 421.
evacuation trench for, iii. 427.
stretchers for, iii. 428.
to autochir, iii 424.
surgical centres, iii. 422.
equipment for, iii. 414.
advanced surgical posts in, iii. 419.
automobile surgical ambulance in, iii. 418.
ordinary ambulance in, iii. 414
radioscopic installation in, iii. 421.
special operating rooms for, iii. 415–418
evacuation in, iii. 529.
examination of abdominal viscera in, iii. 521.
history of, iii 269 *et seq.*
imperative, iii. 274.
in Balkan wars, iii. 286.
in Boer war, iii. 280.
indications for, iii. 281.
in Chino-Japanese war, iii. 278.
in Civil war, iii. 277.
in European war, disastrous, in first period of, iii. 298, 299, 300.
results in, iii. 303.
successful, in second period of, iii. 298, 299–300, 306–321.
in former wars iii. 276 *et seq.*
abstention from operation and, in former wars, iii. 290.
causes of failure in, iii. 292.
delay of intervention in, iii. 292.
material conditions in, iii. 293.
conclusions on, iii. 296.
Laparotomy in abdominal wounds, requirements of surgeons in, iii. 295.
ambulance trains, iii. 295.
field hospitals, iii. 295.
specialisation of sanitary units, iii. 295.
spontaneous repair of visceral lesions and, iii. 290.
in Morocco campaign, iii. 285.
in Russo-Japanese war, iii. 282, 284.
gravity of, according to localisation, iii. 285.
medicinal treatment in, iii. 283.
in Spanish-American war, iii. 278.
in time of peace, iii. 269, 274.
operating surroundings in, iii. 275.
patient in, iii. 274.
surgeon in, 274.
wound in, 274.
in Tirah campaign, iii. 279.
in Tonkin campaign, iii. 278.
instruments and materials for, iii. 478.
operation in, iii. 487.
detection of principal forms of lesions in, iii. 492.
incision in, iii. 491.
preliminary exploration of opening in, iii. 487.
preliminary treatment of visceral hernias in, iii. 489.
over-crowding in, iii. 429.
automatic transportation and, iii. 432.
safe mode of evacuation and, iii. 431.
special units for abdominal operations and, iii. 432.
surgical train and, iii. 438.
post-operative care of patient in, immediate, iii. 526.
subsequent, iii. 528.
post-operative treatment of wound in, iii. 527.
dressings in, iii. 527.
pre-operative precautions in, iii. 484.
removal of projectiles in, iii. 522.
results of, iii. 394, 395, 396–397, 401–411.
résumé, iii. 439.
treatment of accompanying wounds in, iii. 526.
treatment of lesions in, iii. 493.
in bladder, iii. 516.

Laparotomy in abdominal wounds, treatment of lesion in, in bladder after-effects of, iii. 518.
operation in, iii. 518.
radiography in, iii. 519.
in kidney, iii. 515.
in large intestine, iii. 499.
artificial anus, iii. 502.
end-to-end anastomosis, iii. 501.
lateral detachment of mesentery, iii. 501.
splenic angle in, iii. 500.
sub-hepatic angle in, iii. 499.
suturing of, iii, 501, 502.
in liver, iii. 504.
in mesentery, iii. 519.
in omentum, iii. 519.
in posterior peritoneum, iii. 519.
in rectum, iii. 519.
in small intestine, iii. 493.
artificial anus in, iii. 497.
operation in, iii. 495.
after-affects of, iii. 496.
reaction in, iii. 494.
method of, iii. 498.
in spleen, iii, 512.
plugging of, iii. 514.
splenectomy in, iii. 514.
thoracico-abdominal wound in, iii. 513.
in stomach, iii. 505.
by detachment of intercolic omentum, iii. 511.
in posterior surface, iii. 507.
in upper part, iii. 506.
through great omentum, iii. 510.
through transverse mesocolon, iii. 508.
in thoracico-abdominal wounds, iii. 519.
Lapersonne on inferior hemiopia, iii. 691.
Lapicque, chronaxie of, vi. 111.
chronaximeter, vi. 113.
Large intestine, iii. *See* Intestine, large.
Largin, i. 551.
Larrey, observations of (1832), i. 779.
Laryngeal complications in second phase of primary paludism in malaria, i. 995.
of typhus exanthematicus, i. 465.
Laryngeal disturbances, ii. 225.
hemiplegia, associated, ii. 227.
Laryngo-typhoid, i. 38.
Larynx, lesions of, in typhoid, i. 38.
necrosis of, in typhoid, i. 38.
La Salpetrière, results of operations for nerve injuries at, ii. 303 *et seq.*
Late-appearing tetanus, incubation period of, i. 784.
explanation of, i. 784–785.
incubation period of, i. 784.
Late pathological conditions of ankle, iv. 253.
elbow, iv. 164.
foot, iv, 269.
hip, iv. 199.
knee, iv. 226.
shoulder, iv. 126.
wrist, iv. 183.
Late stages and results of:
fracture of femur, sub-trochanteric, iv. 504.
shaft, iv. 541.
supracondylar, iv. 551.
fracture of forearm, above elbow joint, iv. 445.
fracture of humerus, neck of, iv. 393 *et seq.*
sub-deltoid fracture, iv. 406.
fracture just above wrist, iv. 463.
fracture of leg, shafts, iv. 564.
fracture of lower radial epiphysis, iv. 481.
fracture of shaft of humerus, iv. 429 *et seq.*
fractures of shaft of radius, iv. 473.
fracture of ulna, iv. 488.
supramalleolar fractures, iv. 573.
Latent form of typhoid, i. 11.
spinal meningitis, i. 634.
Lateral cheloid, ii. 247.
nodule, ii. 247.
notch, ii. 245–6.
Gosset's method of treatment, ii. 313.
pseudo-neuroma, ii. 247.
Latissimus dorsi muscle, ii. 124, 129, 131.
Laval, case of tetanus of left lower extremity, i. 760, 792.
case of tetanus of right lower extremity, i. 763.
Laveran, discovery of protozoon of malaria by, i. 939.
Lavialle, A., operation indicator of, v. 226.
Laws governing the affections of the visual apparatus in injuries of the orbit with preservation of the eyeball, iv. 803–804.

Lead bracelet, v. 284.
glass spectacles, v. 97.
Leather-cutter's hand, v. 496.
Leave and venereal disease, i. 682.
Lecithin, used in treatment of shell-shock, ii. 869.
Leclainche, v. 649.
Leclerq's appliance, iv. 419.
Leclorinche and Vallée, polyvalent serum of, iv. 35.
Lectures on venereal disease, i. 682, 683, 684, 685, 686, 687.
Leenhardt and Bertin Sans process of graduated crosses, v. 212.
Le Faguay's process of localisation, v. 178.
Le Fort on treatment abdominal wounds, iii. 287.
Leg, artificial, for amputation through thigh, v. *See* Thigh.
with free knee joint, appliances with bearing upon tuberosities of tibia, v. 447.
appliances with end bearing only, v. 457.
methods of fitting, v. 446.
indications for, v. 444.
peg, v. 409.
projectiles in, v. 271, 351.
pseudarthrosis of, v. 574.
Leg, contractures of, ii. 368. (*See also* lower limb.)
flexion contracture of the, ii. 521.
Leg, flail pseudo-arthrosis of, indications for operation in, vi. 454.
Leg, fractures of, iv. 554.
Leg and foot, aneurisms of, iii. 258.
wounds of, iii. 255. *See also under* Blood Vessels.
Leg bucket, v. 447.
material for, v. 448.
shape of, v. 447.
Legendre and Bazin, plaques of, i. 576, 577.
Legouet, case of tetanus in fingers, i. 780.
Le Maréchal and Morin process of localisation, v. 179.
Lens, opacification of the, iv. 882–885.
Lenticular rose spots, i. 76, 83, 93.
isolation of typhoid bacillus from, i. 109.
Lépine and Sarvonant, case of cephalic tetanus with ophthalmoplegia, i. 731.
Leriche on cerebral hernia, iii. 850.
on laparotomy, iii. 318.
Leriche's operation, ii. 88.
Lesions, accessory types, ii. 238, 239, 246.
cerebral, in relation to the eyeball, ii. 590.
complete section, ii. 239.
due to war wounds, earliest sign of recovery of sensation, ii. 254.
in interstitial neuritis, ii. 315 (*note*).
in parenchymatous neuritis, ii. 315 (*note*).
lateral notch method of treatment of, ii. 245.
pseudo-neuroma, of attrition, ii. 238, 240.
reflex, ii. 370.
section with pseudo-continuity, ii. 246.
severe, signs of, ii. 290 *et seq.*
three main types of, ii. 238.
vascular, associated with lesions of peripheral nerves, ii. 209.
Lesions and disabilities of muscles, vi. 334.
articular, vi. 213.
bone, in fracture of ribs, vi. 684.
in pleuro-pulmonary wounds, vi. 684.
gravity of, vi. 684.
external, in pleuro-pulmonary wounds, vi. 873.
histological, in pleuro-pulmonary wounds, vi. 683.
infective, of lungs, treatment of, vi. 863.
joint, muscular atrophy in connection with, vi. 355.
macroscopical, in pleuro-pulmonary wounds, vi. 683.
muscular, vi. 334.
non-articular, vi. 331.
and disabilities of muscles, vi. 334.
of bony levers, vi. 396.
peri-hæmorrhagic in wounds of lung, vi. 703.
peripheral, as cause of epilepsy, vi. 590.
pleural, in pleuro-pulmonary wounds, vi. 685.
primary, in in-and-out wounds, vi. 691.
pulmonary, effect of hæmorrhage on, vi. 689.
in pleuro-pulmonary wounds, vi. 685.

Lesions and disabilities of muscles, pulmonary, in through-and-through wounds, vi. 690.
severe, differential signs in, vi. 128.
traumatic cerebral, aphasia as subjective symptom, vi. 582.
Lesions of anterior crural nerve, ii. 203.
bones, muscles, and tendons, ii. 378.
cauda equina, ii. 200.
central fibres, ii. 315.
cervical and brachial plexuses, ii. 122.
cervical sympathetic nerve, ii. 227.
circumflex nerve, ii. 120.
cranial nerves, ii. 219.
ear, ii. 804.
external cutaneous nerve, ii. 206.
external popliteal nerve, ii. 264, 394.
foot, ii. 264.
great sciatic and popliteal nerves, ii. 153 *et seq.*
great sciatic nerve, ii. 263, 394.
inferior maxillary nerve, ii. 220.
injured nerves, macroscopical and microscopical, ii. 231 *et seq.*
internal cutaneous nerve, ii. 120.
internal saphenous nerve, ii. 204.
lesser internal cutaneous nerve, ii. 121.
lesser sciatic nerve, ii. 206.
lingual nerve, ii. 220.
lumbo-sacral plexus, ii. 192.
median nerve, ii. 50 *et seq.*
median and ulnar nerves, ii. 280.
associated, ii. 107, 280.
musculo-cutaneous nerve, ii. 117 *et seq.*
musculo-spiral nerve, ii. 23 *et seq.*
sensory changes, ii. 260.
nerve to quadriceps, ii. 204.
nerves, ii. 377.
radiotherapy in, ii. 327.
severe signs of, ii. 283 *et seq.*
peripheral nerves, ii. 385.
method of examination, ii. 1 *et seq.*
plexus, ii. 314.
pudic nerve, ii. 206.
sciatic nerve: attitude of toes, ii. 300.
sensory nerve fibres, ii. 378.
ulnar nerve, ii. 89 *et seq.*, 101, 255, 263.
in forearm, ii. 101.
upper brachial plexus, ii. 347.
Lesions, in syphilis, artificially induced, i. 583.
cutaneous, i. 573, 620.
pruriginous, i. 585.
ulcerative, i. 524.
diagnosis of tertiary, i. 589, 590.
of syphilitic, i. 536.
of auditory nerve and labyrinth, i. 586.
of lips, i. 582.
of mucous membranes, i. 583, 584.
of muscles and bones, i. 648, 649.
of nails, i. 582.
of oculo-motor, optic, and facial nerves, i. 633.
of palate, i. 531.
of pharynx, i. 584.
of skin, ulcerous, i. 645.
of spinal nerves, i. 633.
of tonsils, i. 584.
optical, i. 586.
secondary, i. 619.
ulcerous, i. 562.
Lesions, contractures or pseudo-contractures following, monoplegic form of local tetanus differentiated from, i. 799.
Lesions of eyeball, iv. 882 *et seq.*
Lesions of optic nerve, iv. 859.
Lesions, traumatic cerebral, dizziness as subjective symptom, vi. 579.
dysarthria as subjective symptom, vi. 582.
fits of congestion as subjective symptom, vi. 580.
general consideration of, vi. 577.
headache as subjective disorder, vi. 578.
mental disorders as subjective symptom, vi. 580.
special cases, vi. 577.
subjective disorders, vi. 578.
Lesser internal cutaneous nerve, ii. 121.
Letulle and Bergeron, i. 524.
Leucocytes in typhoid, i. 46.
Leucoplakia in syphilis, i. 583, 584, 590.
Levator anguli scapulæ, ii. 124, 128.
nerve to, ii. 126.
ani, ii. 196.
Levator palpebræ superioris, paralysis of, in aphalic tetanus with ophthalmoplegia, ii. 733.
Lever interrupter, use of, vi. 3.
Levers, bony lesions of, vi. 396.
Liberation of nerve, ii. 305, 319.

Lice, campaign against, i. 497–503.
inoculation of virus of typhus by, i. 490.
method of, i. 492.
Licensed houses, i. 696, 697, 699, 700.
Italian, i. 700.
Japanese, i. 700.
Lichen scrofulosum, i. 579.
syphilitic, i. 578.
Wilson's, i. 578, 584.
Lichenoid syphilides, i. 578, 645.
Ligature in permanent hæmostasis in wounds of blood vessels, iii. 33, 40.
advantages of, iii. 40, 45, 46.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene following, iii. 40–43.
too tight, iii. 34.
Light therapy in local treatment of wounds for prevention of tetanus, i. 850.
action of, on bacillus and toxin, i. 850.
process of, i. 850–851.
Lighting, in extraction of projectiles with aid of intermittent control, v. 306.
Limb, determination of future utility of, vi. 218.
lower, indications for amputation of, vi. 454.
motor points of, vi. 38, 47, 50.
upper, indications for amputation of, vi. 454.
Limb, the, prolonged immobilisation of, ii. 273 *et seq.*, 279.
injured, ii. 3.
sign of regeneration in the, ii. 300.
Limbs, local tetanus of, i. 745.
atypical forms of, i. 745
cases of, i. 746.
summary of, i. 917.
monoplegic type, i. 917.
paraplegic type, i. 918.
Limbs, paralysis tests in, iii. 568.
projectiles in, v. 276 *et seq.*
Limping, complex type of, ii. 520.
Lingual nerve, lesion of, ii. 220.
Lipothymia, i. 635.
Lips, adenopathy of, i. 570.
chancre of, i. 568, 569, 643, 644.
Lip-reading, ii. 481.
Liquor, van Swieten's, i. 594.
Lister, Sir J. (Lord), v., x.
Literature quoted in the text, ii. 705.
Liver, abscess of, in amœbic dysentery, i. 307.
yellow atrophy of, i. 635.
Liver and gall-bladder in typhoid fever, i. 66.
Liver, projectiles in, v. 343.
treatment of lesions of, iii. 504.
wounds of, healing spontaneously, iii. 351.
not healing spontaneously, iii. 364.
Livierato, treatment of cholera in Balkan war, i. 404.
Lobar pneumonia, i. *See* Pneumonia.
Local tetanus, abdomino-thoracic form of, i. 811.
case, P. L. Marie, i. 811.
development of, i. 815.
mode of entrance in, i. 814.
pathogenesis of, i. 815.
attentuated forms of, with slow development and prolonged incubation, i. 817.
pathogenesis of, i. 817.
symptoms of, i. 817.
facial expression in, i. 818.
hyper-excitability of muscles and nerves in, i. 819.
muscular hypertonia in, i. 818.
definition of, i. 781.
development of, i. 837.
nature of, sub-acute or chronic, i. 837.
period of onset of, i. 838.
second period of, or period of permanent non-painful contractures, i. 838.
third period of, i. 839.
etiology of, i. 821.
adjuvant factors in, i. 832.
atmospheric conditions, i. 832.
cold, i. 832.
humidity, i. 832.
chemical substances, i. 833.
secondary infection, i. 832.
casual agent in (Nicolaïer's bacillus), i. 821.
biological properties of, i. 823.
agglutinability in, i. 824.
endol formation in, i. 824.
gas formation in, i. 824.
hæmolysin in, i. 824.
vitality in, i. 823.
cultures of, i. 822.
experimental pathogenic action of, i. 824.
inoculation with pure cultures in, i. 825.

Local tetanus, etiology of, experimental pathogenic action of, inoculation with tetaniferous pus or soil in, i. 825.
isolation and cultivation of, i. 821.
mobility of, i. 822.
morphology of, i. 821.
staining of, i. 822.
direct contact in, i. 834.
habitat of bacillus in, i. 828.
soil as, i. 828.
in European war regions, i. 829.
straw as, i. 830.
infection of wound in, action of, i. 830.
nature of wound in, i. 831.
situation of wound in, i. 831.
toxin in, i. 826.
method of preparation of, i. 826.
mode of action of, i. 827.
nature and properties of, i. 826.
forms of, i. 780.
frequency of, i. 820.
history of, i. 780.
in abdomen, late-appearing, i. 772.
in neck, case, i. 770.
monoplegic form of, i. 783.
diagnosis of, i. 796.
bacteriological examination for bacillus in, i. 796–797.
differential diagnosis of, i. 797.
from acute strychnine poisoning, i. 802.
from contractures or pseudo-contractures following lesions, i. 799.
from contractures of tetany, i. 800.
Chvostek's sign in, i. 801.
forcible extension and flexion of lower limbs in, i. 802.
hyperexcitability of muscles and nerves to galvanism in, i. 802.
Trousseau's sign in, i. 801.
Weiss's sign in, i. 801.
from excitation or irritation of motor and mixed nerves due to lesions, i. 798.
from hysterical contractures, i. 803.
from incomplete hemiplegia, i. 798.
from spasmodic monoplegia of cerebral or medullary origin, i. 798.
Local tetanus, period of acme in, i. 790.
blood in, i. 795.
cerebro-spinal fluid in, i. 795.
contractures in, i. 790, 791.
clonic movements in, i. 791.
generalised tonic form (rigidity) of, i. 791–793.
general indications in, i. 793.
facial aspect in, i. 794.
hypersensitiveness in, i. 794.
pulse in, i. 794.
respiration in, i. 794.
urine in, i. 794.
pain in, i. 790.
reflexes in, i. 795.
summary of, i. 795.
period of incubation in, i. 793.
in early or precocious tetanus, i. 793.
in late-appearing tetanus, i. 794.
due to surgical traumatism, i. 794, 795.
explanation of, i. 794, 795.
period of onset in, i. 785.
general symptoms in, i. 788.
exaggeration of reflexes in, i. 789.
facial expression in, i. 789.
temperature in, i. 789.
local signs in, i. 786.
cramps in, i. 787.
pain in, i. 786.
skin in, i. 786.
spasms in, i. 786, 787.
stiffness in, i. 788.
summary of symptoms in, i. 790.
paraplegic form of, i. 805.
diagnosis of, i. 809.
differential diagnosis of, from cerebro-spinal meningitis, i. 809.
symptomatology of, i. 805, 808.
in inferior type, i. 806.
contractures of limbs in, i. 806.
muscular rigidity of abdominal wall in, i. 806.
in superior type, i. 807.
pain in, i. 807.
reflexes in, i. 808.
temperature in, i. 808.
types of, i. 805.
paraplegic onset of, i. 781.
pathogenesis of, i. 834.
factors in, i. 835.
mode of arrest in, i. 835.

Local tetanus, process of, i. 834.
prognosis of, i. 840.
abdominal muscular contracture in, i. 842.
deglutition in, i. 843.
in atypical form, i. 840.
localisation in, i. 840.
period of incubation in, i. 841.
temperature in, i. 840.
in classical form, i. 841.
pulse in, i. 842.
temperature in, i. 842.
other bacteria in, i. 843.
summary of, i. 843.
Local trauma, ii. 869.
Localisation, accuracy in, v. 149.
anatomical, abdomen, v. 264.
arm, fore-arm and hand, v. 269.
bronchi, v. 258.
calcifications, v. 257.
diaphragm, v. 261.
extraction of projectiles by, v. 285.
eye, v. 253.
face, v. 255.
foot, v. 271.
head and neck, v. 251.
heart, v. 258.
hip, v. 269.
knee, v. 271.
leg, v. 271.
lower limb, v. 269.
migration of projectiles, v. 271.
necessity of, v. 249.
neck, v. 254.
pelvis, v. 267.
pericardium, v. 258.
and pulsatory projectiles, v. 257.
shoulder, v. 267.
skull, v. 251.
spine, v. 265.
thigh, v. 269.
thorax, v. 254.
trachea, v. 258.
upper limbs, v. 267.
anatomo-clinical, v. 251.
by means of tube with double anticathode, v. 226.
deductions useful in radioscopic examinations, v. 143.
by double image, radioscopic methods of, v. *See* Radioscopic methods of localisation.
forceps, v. 158.
general theory of methods of, v. 142.
law on which methods are based, v. 142.
Localisation, methods of, v. 144.
errors in, v. 149, 150.
resting on theory of geometrical triangulations, v. 143.
physical problem of, v. 150.
practical conclusions on, v. 230.
radiographic, v. *See* Radiographic processes of localisation.
See also Projectiles, localisation of.
Locke's serum for treatment of acute anæmia following wounds, iii. 47, 48.
Loeffler's bacillus, i. 572.
Lombard's test, iii. 583.
Londe process of localisation of projectile, v. 192.
Lond's treatment of shell-shock, ii. 869.
Longitudinal reaction, ii. 267.
Longus colli, ii. 126.
Lordosis from contracture of dorsal muscles, rare, ii. 745.
Losch, discovery of dysenteric amœba by, i. 316.
Loss of teeth complicated by fractures of alveolar border of mandible, iv. 765.
Loss of vision after fall, iv. 864.
Lotion, i. 647.
Lotmar's test of estimation of weight for localising cerebellar symptoms, iii. 724.
Lower extremity, motor points of, ii. 18.
Lower limb, esquillectomy of, iv. 343.
multiple fractures of, iv. 581.
Lower limbs, shortening of fragments in, v. 548.
Lower plexus paralysis, ii. 130.
limb, appearance of, in paralysis of great sciatic and popliteal nerves, ii. 165.
contractures of, ii. 367.
Luargol, i. 637, 638.
Luciani, animal experimentation on function of cerebellum, iii. 709.
Lumbalgias, ii. 789.
Lumbar and sacral plexuses, table showing motor distribution of nerves, ii. 206 *et seq.*
plexus, anatomy, ii. 192.
collateral branches, ii. 194.
terminal branches of, ii. 195.
puncture, in disorders of hearing, ii. 805.

Lumbar puncture, in examination of brain, i. 633, 634; iii. 587.
cytological examination of cerebro-spinal fluid in, iii. 588.
technique of, iii. 587.
in meningitis complicating wounds of skull, iii. 844.
in treatment of cerebral hernia, iii. 847.
of wounds of skull, iii. 863.
in wounds of brain, iii. 595.
Lumbar region, wounds of, iii. 463
vertebræ, examination of, v. 123.
(Lumbo-sacral) plexus, ii. 192 *et seq.*
anatomy of, ii. 192–7.
clinical study, ii. 200 *et seq.*
Lumbricales, ii. 54, 92, 164.
Luminous adaptation, v. 32.
law of, v. 32.
sensitiveness, v. 31.
Lunatics, curable, internment of, vi. 657.
unrecognised, in military psychiatry, vi. 608.
Lungs, abscess of, symptoms of, vi. 847.
and heart, injuries to, in war wounds of chest, vi. 773.
changes in, as result of injury, vi. 754.
changes in, clinical phenomena due to, vi. 754.
hernia of, and pneumatocele, differentiation of, vi. 764.
as a complication in chest wounds, vi. 821.
treatment of, vi. 821.
infections of, vi. 844.
etiology of, vi. 844.
gangrenous abscess in, vi. 844.
nature of foreign bodies in, vi. 844.
phlegmonous abscess in, vi. 845.
X-ray in, vi. 844.
infective lesions of, treatment of, vi. 863.
laceration and tearing of, vi. 694.
simple hernia of, treatment of, in open wound of thorax, vi. 821.
situation of projectile in blind wounds of, vi. 691.
wounds of, associated pleural reactions in, vi. 704.
associated pulmonary lesions in, vi. 700.
carnification in, vi. 702.
Lungs, wounds of, histological appearance of atelectasis in, vi. 702.
peri-hæmorrhagic lesions in, vi. 703.
pulmonary collapse in, vi. 701.
pulmonary splenisation in, vi. 704.
See also under Wounds, pleuro-pulmonary.
Luxation of lens of eye, iv. 885, 886.
Lyle's test for alkalinity of Dakin solution, iv. 42.
Lymphagogic agents, iv. 71 *et seq.*
Lymphatic glands, i. 73.
Lymphitis, i. 544.
Lymphocytosis, i. 633.
cerebro-spinal, i. 580, 586.

MacCormac on laparotomy, iii. 280.
Macedonia, malaria in, i. 939.
varieties of mosquitoes in, i. 947.
Mackenzie-Davidson and Hedley process of radiographic localisation, v. 208.
Mackie, v. 667.
Macroscopical and microscopical lesions of injured nerves, ii. 231 *et seq.*
Macula, lesions of, in wounds of frontal lobe, iii. 606.
Macular lesions, iv. 833, 850–852.
roseola, i. 574.
Magnesium chloride, iv. 74.
hypochlorite solution, iv. 65.
sulphate, iv. 86.
in curative treatment of tetanus, i. 894, 925.
action of, on circulation, i. 897.
experimental action of, i. 894.
influence of, on body temperature, i. 896.
mechanism of action of, and dosage, i. 897.
clinical results in, i. 900.
experimental results in, i. 900.
intrarachidian injections in, i. 899, 903.
intravenous injections in, i. 897.
subcutaneous injections in, i. 897.
mode of administration of, and dosage, i. 902.
intravenous injections in, i. 904.
subcutaneous injections in, i. 902.

Magnetic projectiles, search for, v. 359.
by alternating or vibrating electro-magnets, v. 361.
by continuous electro-magnets, v. 359.
Magnets, v. xxv.
classification of, v. 359.
in search for projectiles, v. 359.
natural, v. 359.
Magnus on effects of hæmorrhage, iv. 865.
Makins on laparotomy, iii. 280, 281.
Malar bone, elevation of the, iv. 973.
injuries frequent, iv. 811.
canal, iv. 792.
Malaria, clinical study of, i. 949.
primary paludism in, i. 949.
secondary paludism in, i. 950.
Malaria, dysentery associated with, i. 311, 469, 1016.
in Macedonia, i. 939.
gravity of, factors causing, i. 947–948.
parasitological diagnosis in, i. 1018.
hæmatological signs in, i. 1033.
melaniferous leucocytes in, i. 1033.
mononucleosis in, i. 1033.
hæmatozoa in, diagnostic characters of, i. 939.
chart, i. 1032.
of Plasmodium falciparum, i. 1029.
gametes of, i. 1030.
schizont of, i. 1029.
of Plasmodium malariæ, i. 1031.
amœboid bodies of, i. 1031.
gametocytes of, i. 1033.
rosette bodies of, i. 1031.
schizonts of, i. 1031.
of Plasmodium vivax, i. 1025.
amœboid body of, i. 1027.
blood corpuscles in, i. 1025.
gametes (or gametocytes) of, i. 1027.
parasite itself in, i. 1025.
schizont of, i. 1025.
method of making blood film in, i. 1018.
methods of staining in, i. 1019.
Laveran's panchrome in, i. 1024, 1033.
Senevet's borax-eosin-blue stain in, i. 1021.
Tribondeau's bi - eosinate. stain in, i. 1019–1021.
Malaria, parasitological diagnosis in, method of staining in, water used in, precautions regarding, i. 1022.
Langeron's method of testing in, i. 1022.
results with ordinary water in, i. 1023.
with deep staining, i. 1024.
with faint staining, i. 1023.
with intermediate staining, i. 1024.
obtaining blood for, i. 1018.
thick drop method of, i. 1033.
preservation of slides in, i. 1019.
parasitology of, i. 939.
Anopheles mosquito medium of inoculation in, i. 939.
Malaria, asexual development of parasite in human body (schizogony in), i. 939.
effect of quinine on elements in, i. 941.
elements formed in:
amœboid body, i. 940.
gametes, i. 940.
merozoite, i. 941.
rosette body, i. 941.
schizont, i. 939.
parthenogenesis or retrogressive schizogony in, i. 942.
relapse in, i. 942.
sexual development of parasite in Anopheles mosquito (sporogony) in, i. 943.
elements formed in:
flagillater bodies, i. 944.
macrogametes, i. 943.
microgametes, i. 943.
oöcyst, i. 945.
oökinete or zygote, i. 944.
sporozoite, i. 945.
Malaria, primary paludism in, i. 951.
clinical study of, i. 949.
first invasion in syndromes of, i. 951.
attentuated form of invasion, febrile malaise and fatigue in, i. 957.
continued fever of typhoid character in, i. 954.
differentiation of, from typhoid fever, i. 957.
general symptoms of, i. 954.
pulse in, i. 955.
temperature in, i. 955.
febrile gastric derangement in, i. 951.

Malaria, febrile gastric derangement in, diagnosis in, i. 953, 954.
general symptoms in, i. 951, 952.
pulse in, i. 953.
temperature in, i. 953.
quotidian intermittent fever in, i. 958.
second attacks or relapse in, i. 960.
defaced paludism in, i. 961, 102.
masked paludism in, i. 1003.
pernicious, i. 997.
algid form of, i. 1001.
characteristic appearance of patient in, i. 1001.
initial symptoms in, i. 1001.
secondary alimentary disturbances in, i. 1002.
cerebral form of, i. 999.
apoplectic, isolation type, i. 999.
convulsive meningeal type, i. 1000.
etiology of, i. 997.
forms of, i. 998.
occurrence of, i. 998.
syndromes of visceral localisations in, i. 968.
anæmic syndromes in, i. 969.
in anæmia, typical form of, i. 969.
in anæmia with hydræmia, i. 870.
with icterus, i. 972.
in hæmorrhagic anæmia, i. 971.
in splenomegalic anæmia, i. 972.
auditory disturbances, i. 997.
cachetic syndrome, i. 983.
anæmia in, i. 983.
digestive disturbances in, i. 984.
prognosis of, i. 985.
cardio-vascular syndromes, i. 987.
erythromelalgia in, i. 988.
Raynaud's disease in, i. 987.
symmetrical gangrene in, i. 987.
visceral circulation in, disorders of, i. 988.
gastro - hepatic syndromes in, i. 974.
Malaria, syndromes of visceral localisation, gastro - hepatic syndromes in, gastro-bilious forms of, i. 974.
infective icterus form of, i. 976.
intestinal syndromes, i. 980.
diarrhœic symptoms in, i. 981.
dysenteriform syndrome in, i. 982.
laryngeal complications, i. 995.
nervous manifestations, i. 989.
focal symptoms in, i. 991.
mental disorders in, i. 992.
neuralgia, i. 990.
neuro - muscular disturbances, i. 990.
polyneuritis, i. 991.
ocular complications, i. 993.
motor nerve affection in, i. 994.
optic nerve affections in, i. 994.
sensory nerve affections in, i. 994.
vascular changes in, i. 995.
peritoneal syndrome in, i. 982.
pulmonary syndromes, i. 985.
bronchitis in, i. 986.
mild form of, i. 986.
pneumonia of apex in, i. 986–987.
pulmonary apoplexy in, i. 987.
suprarenal insufficiency in acute and subacute form, i. 978, 980.
urinary syndromes, i. 988.
albuminuria in, i. 988.
hæmoglobinuric fever in, early bilious, i. 989.
temperature curve in, i. 962.
apyrexia between attacks in, i. 967, 968.
irregular fever in, i. 967.
isolated attacks in, i. 965.
occurrence of attacks in, i. 967.
quotidian intermittent fever in, i. 965.
remittent continued fever in, i. 962.
tertian attacks in, i. 965.

Malaria, recurrent fever associated with, i. 1017.
Malaria, secondary paludism of, i. 1005.
ague fit in, i. 1006.
temperature in, i. 1007.
clinical study of, i. 950.
clinical syndromes in, i. 1011.
anæmia in, i. 1011.
bilious hæmoglobinuric fever in, i. 1011, attack of, i. 1013.
blood in, i. 1014.
course of, i. 1014, 1045.
icterus in, i. 1013.
occurrence of, i. 1013.
urine in, i. 1014.
nervous disorders in, i. 1012.
disciplined febrile attacks in, i. 1005.
exhibition of parasite and, i. 1005.
fever in, i. 1008.
irregular, i. 1011.
isolated fits in, i. 1010.
quotidian intermittent, i. 1010.
septan type of, i. 1010.
tertian intermittent, i. 1008.
Malaria, treatment of, i. 1035.
in primary paludism in first invasion, i. 1036.
mode of administration of quinine in, i. 1037.
by ingestion, i. 1037.
by intramuscular and subcutaneous injections, i. 1038.
choice of solutions in, i. 1038.
technique of injection in, i. 1039.
time of administration of quinine in, i. 1041.
in primary paludism in second attacks, i. 1043, 1049.
treatment of intervals in, i. 1047.
repair of body in, i. 1048.
suspension of quinine in, i. 1047.
treatment of relapses in, i. 1043.
in quotidian fever, i. 1046.
in remittent continued fever, i. 1044.
in low fever, i. 1044.
in pernicious attacks, i. 1044.
Malaria, treatment of, relapses in, in severe attack, i. 1044.
in secondary paludism, i. 1049.
treatment of ague fits in, i. 1049.
administration of quinine in, by ingestion, i. 1050.
by intramuscular and subcutaneous injection, i. 1050.
treatment of intervals in, i. 1051.
Carducci's method of, i. 1051.
Job's method of i. 1051.
Rauvaut's method of, by addition of cocadylate of soda and adrenaline, i. 1052.
typhoid fever associated with, i. 20, 102, 273, 1016.
typhoid disguise of, i. 232.
Malarial dysentery, i. 311, 469, 1016.
Malarial fever, differentiated from typhus, i. 469.
Mal conitial, iv. 963.
Malignant hypertoxic syphilis, i. 104.
syphilides, i. 645.
syphilis, i. 579.
Malingering, v. 780.
cases of, v. 804.
Malingering and deafness, vi. 606.
and dumbness, vi. 606.
and feeble-mindedness, vi. 607.
and insanity, vi. 607.
in the army, vi. 602.
neuroses of circulatory system and, vi. 608.
presumed, danger of employing severe methods in, vi. 604.
Malleolus, fractures of, iv. 579.
Malocclusion, iv. 636 *et seq.*
treatment of, iv. 727 *et seq.*
types of, in united mandibular fracture, iv. 652.
Mal-position in ankylosis, correction of, vi. 223.
Mal-position of jaw in old fractures, iv. 620.
Malta fever, i. 101, 232.
Mal-union, effect of, on hinge-joints, vi. 408.
of fractures, effects of, on ball-and-socket joints, vi. 417.
of shaft of femur, mechanical consequences of, vi. 422.
of radius and ulna, results of, vi. 426.

Mal-union of femur, v. 753–757.
of fractures, effects on ball-and-socket joints, v. 751 *et seq.*
on hinge-joints, v. 742.
of humerus, v. 746, 757–759.
of radius and ulna, v. 547, 747–748, 759–761.
of tibia. v. 748–750.
Mal-united fractures, effects of, on action of neighbouring joints, vi. 405.
humerus, effects of, on range of movements of shoulder joint, vi. 424.
Malvy, M., i. 692.
Manchurian War, i. 173, 700.
Mandible, apparatus for expansion of, iv. 685.
fractures of, anterior; posterior; vertical, iv. 599.
movements of, iv. 592.
surgical advantages of, iv. 593–595.
Mandibular fractures, stages of treatment, iv. 629.
table of treatment, iv. 670.
lesions, immediate treatment of, iv. 662.
rigidity, essential for mastication, iv. 592.
Mania, acute, vi. 466.
causes of, vi. 466.
acute delirious, diagnosis of, vi. 467.
differentiated from hydrophobia, vi. 468.
symptoms of, vi. 466.
acute persecutory, military crimes in, vi. 617.
alcohol as a factor in, vi. 543.
and cerebral excitement, vi. 542.
diagnosis of, vi. 544.
differentiated from excited mental confusion, vi. 478.
Maniacal depressive insanity, vi. 542.
psychosis, vi. 542.
Maniacs, symptoms of, vi. 543.
Manias, persecutory, in mental depression, vi. 498.
Manifestations, first, of sensory recovery, ii. 258.
visceral, i. 646.
Manipulation forcible, in fibrous ankylosis, vi. 225.
Manson, solutions for venous transfusion in cholera, i. 407.
treatment of cholera, i. 404.
Manteuffel on laparotomy, iii. 283.
Manudiascope, v. 84.
Bouchacourt's, v. 300.
Manure, human, surface disposal of, i. 239.
Marcille's autochir, iii. 424.
Marey and Pachon, oscillometric method of, ii. 530–1.
Marie, P. L., case of abdomino-thoracic form of local tetanus, i. 811.
Marie's conception of aphasia, iii. 664.
of Broca's aphasia and Wernicke's aphasia, iii. 665.
of cerebral localisation, iii. 665.
of aphasia, iii. 667.
of Broca's aphasia, iii. 667.
of speech centre, iii. 665, 667.
of Wernicke's aphasia, iii. 667.
of clinical characteristics of aphasia, iii. 667.
of anarthria, iii. 667.
of Broca's aphasia, iii. 667.
of Wernicke's aphasia, iii. 667.
of word-deafness, iii. 668.
of intelligence in aphasia, iii. 664.
Marie's technique of examination of aphasic patients, iii. 668.
Marine salt, effect of, on cholera vibrio, i. 434.
Marion-Danion compass, in extraction of projectiles, v. 294.
Marion-Danion marker for localisation of projectiles, v. 224.
Marion's guide and protector for dura mater in craniectomy, iii. 801.
Marks' braces, v. 425.
Marks' knee, v. 419.
method for attaching extension braces to front of leg in, v. 425.
Marks' knee joint, v. 421.
Marks' leg, v. 414.
Marne, tetanic belts of, i. 829.
Marquis on abstention methods in abdominal wounds, iii. 325.
Married women and syphilis, i. 520, 521.
Marseilles, epidemics at, i. 242, 254, 288.
Martel-Mondain apparatus for extraction of foreign bodies from head, iii. 778, 780.
Martel's bone fracturer, iii. 807, 808. 810.
dura mater separator, iii. 798, 802–807.
hand perforator for trephining of skull, iii. 800.

Martignon stretcher, iii. 427, 428.
Martin, Claude, work of, iv. 585.
Martini-Henry rifle, v. 130.
Martin's formula, versus modern practice, iv. 596.
Martin's principles, iv. 590.
Mary Mercier process of localisation, v. 204.
Masked paludism, i. 962. ,,,
Massage, abuse of, v. 707.
contra-indications for, v. 727, 737.
in treatment of joints, v. 737.
Massage effects of, in ankylosis, vi. 220.
Massage and mobilisation, ii. 322.
under water, ii. 323.
Mastication, dependent upon dental adjustment, iv. 589.
Masticatory exercises, iv. 670.
muscles, ii. 219.
paralysis of, ii. 220.
Mastoid branch, the, ii. 126.
process, fracture of, treatment of, v. 876.
Mastoiditis, chronic, v. 834.
traumatic, with integrity of meatus and tympanum, treatment of, v. 878.
with laceration of membranous meatus and integrity of tympanum, v. 879.
with traumatic median otitis, v. treatment of, v. 879.
Matas aneurismorrhaphy, iii. 125, 263.
Materials for artificial arms, v. 464.
for bucket, v. 383.
Maternal heredity, i. 528.
infection and pregnancy in syphilis, i. 528, 529.
Mathien on laparotomy, iii. 313.
Mattey stereo-telescope, v. 238.
Mauclaire, M., operations in the dark, v. 300.
Mauclaire's opaque paste for the hands, v. 320.
Mauriac, i. 504.
Mauriac's neuralgic herpes, i. 558.
Maxillary antrum, lesions of, with orbital fracture, iv. 948.
Maxillary nerve, ii. 220.
Maxillary sinus, projectiles in, v. 335.
Maxillary-pharyngeal region, projectiles in, v. 335.
Maxillo-facial department, patients returned to army, iv. 736.
Mayor's tourniquet, iii. 30.
Mazérès rule, v. 192.
Measles, differentiated from typhus, i. 469.
typhoid fever and, i. 17.
Meat, contagious character of, i. 259.
paratyphoid bacilli in, i. 258.
Mechanical disability of short leg, resection as remedy for, vi. 405.
hyperexcitability of muscles, in reflex disorders, ii. 536 *et seq.*
therapy, in joint wounds, cautions regarding, iv. 32.
treatment of fracture of mandible, iv. 659.
problems of, iv. 666 *et seq.*
Mechanism to bring forward posterior fragment, in fracture of mandible, iv. 696–697.
Mechanotherapy, active, ii. 322.
home, use of, for stiff joints, vi. 309.
"Median and ulnar nerve hand," ii. 366.
lesions and paralysis of, ii. 107 *et seq.*
partial, paralyses, five types, ii. 110–115.
nerve, amyotrophy, ii. 59.
anatomy, 50 *et seq.*
appliances for paralysis of, ii. 343.
changes in reflexes, ii. 77.
concomitant lesions of, with ulnar nerve, ii. 107.
disturbances of objective sensibility, ii. 293.
electrical changes, ii. 59.
evolution, ii. 76 *et seq.*
fibres of, ii. 316, 357.
functions of, ii. 398.
intranervous localisation of, ii. 353.
involuntary movements, ii. 75.
lesions of, ii. 50 *et seq.*
motor disturbances, ii. 71.
muscular atrophy, ii. 71.
painful lesions of, ii. 69 *et seq.*
painless lesions, ii. 55 *et seq.*
paralysis of the, ii. 604.
appearance of skin, ii. 77.
phobia of patient, ii. 74.
recovery of movement, ii. 63.
voluntary movements in, ii. 76.
partial paralysis of, ii. 65 *et seq.*
diagnosis, ii. 68.
electrical reactions, ii. 67.
motor disturbances, ii. 65.
recovery, ii. 68.

"Median and ulnar nerve hand," partial paralysis of, reflexes, ii. 68.
sensory disturbances, ii. 57.
signs of recovery, ii. 68.
vaso-motor, secretory, and thermal, disturbances, ii. 67.
pathogeny, ii. 78.
physiology, ii. 52 *et seq.*
points of election for palpation ii. 292 (*note*).
radiotherapy in, ii. 327.
reflexes, ii. 63.
secretory changes, ii. 62, 71.
section of, ii. 80.
sensory changes of lesions of, ii. 262.
sensory disorders and disturbances, ii. 60, 72.
symptoms of paralysis of, ii. 69.
syndromes of irritation in, ii. 248.
thermal symptoms, ii. 76.
trophic changes, ii. 62.
unsatisfactory regeneration of, ii. 307, 310, 317.
vasomotor changes, ii. 62.
wounds of, ii. 392.
Mediastinal suppuration, treatment of, vi. 863.
Mediastinum, projectiles in, v. 341.
removal of foreign bodies from, in pleuro-pulmonary wounds, vi. 892.
treatment of foreign bodies in, in pleuro-pulmonary wounds, 888.
Medical boards and electro-diagnosis, vi. 198.
Medical inspection in syphilis, i. 671, 672.
and munition works, i. 504.
of mobilised workmen, i. 672, 673.
Medical reports, drawing up of, v. 939.
results of examination in preparation of, v. 1024.
suggestion, important in hysteria, ii. 424–5, 429, 870.
Medicamental erythemas, i. 575.
Medicinal treatment of abdominal wounds, iii. *See* Abstention treatment.
Medicine, Academy of, i. 535, 698, 700.
Medicine, judicial legal, importance of psychiatric experts in, vi. 643.
in relation to mental disorders, vi. 601.
Medico-legal considerations, disposal of wounded after cure, methods of, v. 787.
pensions and gratuities, v. 792.
refusal of treatment, v. 799.
instruction relative to course of action necessitated by, v. 801.
when may cure be considered accomplished, v. 790.
Medico-legal problem, feeble-mindedness as, vi. 639.
military irresponsibility as, vi. 632.
obsession caused by alcohol as, vi. 640.
swindling as, vi. 634.
theft as, vi. 632.
wilful incendiarism as, vi. 631.
Medico-legal problems, acts of violence as, vi. 630.
and obstinacy, vi. 629.
importance of, in epilepsy, vi. 619.
military crimes in, vi. 601.
mental state of confessors in, vi. 637.
protestors in, vi. 636.
self-accusers in, vi. 637.
pathological characteristics of defaulters in, vi. 627.
offenders in, vi. 665.
Medio-plantar reflex, ii. 169.
Meditation, period of, in reflex disorders, ii. 447, 715.
Mediterranean dengue, co-existence of, in malaria, i. 953.
fever, i. 101.
Medulla, condition of, in fractures, iv. 285.
Medullary canal, v. 579.
danger in, iv. 315.
in osteomyelitis, v. 380.
Megalomania, as a result of primary mental debility, vi. 569.
Meige, Henry, ii. 47–8, 209.
Meige's shoulder-belt appliance, ii. 339 *et seq.*
Meissner's tactile corpuscles, ii. 83, 85.
Meister, Lucius and Brüning, i. 613, 615.
Melancholia in malaria, i. 992.
military crimes in, vi. 618.
Melaniferous leucocytes in blood in malaria, i. 1033.
Meltzer, S. J., on injections of magnesium sulphate in tetanus, i. 894.

Membranes, false, in pleuro-pulmonary wounds, vi. 704.
adhesions in, vi. 705.
Membranes of eye, affections of, iv. 886, 906, 917.
Memory, defective, in wounds of brain, iii. 592.
Men, frequency of syphilis in young, i. 522.
Menacho on "heridas orbito-oculares en cirugia de guerra," iv. 787.
Mendel-Bechterew reflex, ii. 728.
Meningeal complications of auriculo-mastoid wounds, v. 873.
Meningeal form of typhoid fever in infants, i. 13.
symptoms in typhoid fever, i. 64.
type, convulsive, of pernicious attack in second phase of primary paludism in malaria, i. 1000.
Meningeal tuberculosis, and mental confusion, vi. 554.
Meningitic invasion, syphilis with, vi. 554.
Meningitis, i. 1, 64; iv. 967, 977.
basal, i. 586.
basilar, i. 633.
cerebro-spinal, i. 469–470.
differentiated from paraplegic form of local tetanus, i. 809.
manifestations of, differentiated from cephalic tetanus with ophthalmoplegia, i. 738.
spinal, i. 586.
symptoms simulating, i. 104.
treatment, i. 647.
Meningitis, complicating wounds of brain, iii. 742.
clinical forms of, iii. 742.
diffuse, iii. 743.
encysted, iii. 743.
ventricular, iii. 743.
symptoms of, iii. 742.
differentiation of, from brain abscess, in wounds of skull, iii. 750.
in wounds of skull, iii. 842.
cause of, iii. 842.
basal fissures in, iii. 842.
dural injury in, iii. 842.
œdema of brain and, iii. 843.
prophylaxis of, iii. 843.
early operation in, iii. 843.
lumbar puncture in, iii. 844.
wide removal of skull, iii. 843.
treatment of, iii. 844.
Meningitis, in wounds of skull, treatment of, in lesions of brain and dura, iii. 845.
lumbar puncture and electrargol injections in, iii. 844.
Meningitis, epidemic cerebro-spinal, vi. 551.
Meningo-encephalitis, vi. 550.
acute, of aural origin, vi. 551.
diagnosis of, vi. 546.
headache in, vi. 546.
infectious, symptoms of, vi. 546.
typhoid and para-typhoid, vi. 552.
Meningo-encephalitis, after fracture of orbit, iv. 967–968, 972, 978–979.
Meningo-myelitis, i. 586.
Meningo-typhoid, i. 9.
Mesentery, treatment of lesions of, iii. 519.
Menstruation, cholera and, i. 396.
Mental activity, accentuated, ii. 839 *et seq.*
inhibited, ii. 834–9.
condition after cranial wounds and trephining, ii. 847.
confusion, ii. 446.
delirious, ii. 802.
dull, ii. 802.
representations, ii. 412.
Mental chronic, symptoms analogous to premature dementia, vi. 561.
differentiated from dementia, vi. 478.
disintoxication in treatment of, vi. 480.
general paralysis, vi. 478.
excited, differentiated from mania, vi. 478.
polymorphous delirium, vi. 479.
hallucinatory, danger of cases of, in war, vi. 466.
in shell-shock, vi. 508, 511, 517.
meningeal tuberculosis and, vi. 554.
rest in treatment of, vi. 479.
simple, vi. 462.
characteristic of, vi. 452.
symptoms of, vi. 462.
treatment of, vi. 479.
with stupor, vi. 468.
Mental confusion, acute, military crimes in, vi. 616.
ague as a cause of, vi. 553.
amnesia in termination of, vi. 473.
amnesic, vi. 471.
automatism as a factor in, vi. 479.

Mental confusion, chronic, vi. 559.
following shell-shock, vi. 561.
in toxic and emotional infections, vi. 559.
Mental confusion in malaria, i. 992.
Mental confusions, vi. 461.
alcohol in connection with, vi. 477.
and delusions, absence of, in hysteria, vi. 592.
clinical summary, vi. 475.
diagnosis of, vi. 478.
etiology of, vi. 476.
hallucinatory, vi. 464.
causes of, vi. 465.
importance of sleep in, vi. 462.
intermediary stages, vi. 463.
military consequences of, vi. 475.
of peace-time, etiology of, vi. 476.
of war, etiology of, vi. 476.
prodromic period of, vi. 461.
Mental debility, cases of differentiated from unbalanced cases, vi. 597.
military crimes in, vi. 618.
primary, megalomania as a result of, vi. 569.
symptoms of, vi. 564.
Mental depression, anxious impulses in, vi. 488.
cold as a factor in, vi. 483.
delusions of anxiety in, vi. 490.
diagnosis in, vi. 498.
emotional constitution as a factor in, vi. 486.
in Parkinson's disease, vi. 585.
moral factors in, vi. 484.
persecutory manias in, vi. 498.
physical predisposition as a factor in, vi. 486.
prognosis in, vi. 498.
sexual influences in, vi. 485.
sleeplessness as a factor in, vi. 483.
treatment in, vi. 499.
Mental diseases, absence of hysteria in, vi. 605.
chronic general consideration of, vi. 559.
Mental disorders, absence of complete simulation in, vi. 606.
acute, vi. 459.
and alcohol, vi. 555.
neurasthenic conditions in, vi. 501.
predisposition to, vi. 460.
amenable to discharge from army, vi. 665.
as subjective symptom in traumatic cerebral lesions, vi. 580.
Mental disorders, absence of complete simulation in, clinical applications, vi. 459.
in cerebral tumors, vi. 584.
in connection with defaulting, vi. 628.
in disease of nervous system, vi. 584.
in tabes, vi. 585.
judicial legal medicine in relation to, vi. 601.
military dispositions in, vi. 644.
of army, alcohol in connection with, vi. 464.
organisation of special institutions in army zone, vi. 644.
institutions for, general discipline in, vi. 644.
practical applications, vi. 601.
special institutions for patients suffering from, vi. 644.
treatment in, vi. 644.
specialised institutions for in army zone, admissions into, vi. 650.
annexes to, vi. 651.
convalescent leave from, vi. 657.
length of time of, vi. 659.
equipment of, vi. 645.
medical treatment in, vi. 651.
methods of discharge from, vi. 651.
methods of treatment in, vi. 649.
occupations in, vi. 651.
out-patients in, vi. 650.
personnel of, vi. 647.
psychical treatment in, vi. 651.
suggestions for organised work in, vi. 670.
Mental patients, discharge of, from army, vi. 665, 667.
puerility in shell-shock, vi. 517.
state of confessors in medico-legal problems, vi. 637.
Mental region of jaw, vascularization of, iv. 690.
state of protestors in medico-legal problems, vi. 636.
of self-accusers in medico-legal problems, vi. 637.
tuberculosis as a factor in, vi. 187.
vague anxiety as a factor in, vi. 487.
war wounds as a factor in, vi. 483.
Menuet's process of localisation, v. 156, 161.
Mercier process of triangulation, v. 204.

Mercurial cachets, i. 597.
colitis, i. 663, 664.
compounds in syphilis, i. 593.
inunction, i. 600.
iodides, i. 593.
medication, endermic, i. 594.
by ingestion, i. 594.
intramuscular and intravenous, i. 594, 600, 602, 608, 609.
per rectum, i. 594, 599.
stomatitis, i. 583.
syrups, i. 594.
treatment of syphilis, intramuscular injections in, i. 600.
by injection of insoluble preparations, i. 601.
advantages of, i. 601.
calomel in, i. 603, 604.
grey oil in, i. 603.
inconvenience of, i. 601.
pain of, i. 602.
salicylate of mercury in, i. 603.
yellow oxide of mercury in, i. 603.
by injections of soluble preparations, i. 604.
advantages and disadvantages of, i. 605.
benzoate of mercury in, i. 606.
biniodide of mercury in, i. 606.
cyanide of mercury in, i. 607.
neutral salicylate of mercury in, i. 607.
oxycyanide of mercury in, i. 607.
technique of, i. 607.
intravenous administration of, i. 608.
advantages of, i. 107.
cyanide of mercury in, i. 608.
objections to, i. 609.
technique of, i. 611.
value of, i. 610.
per rectum, i. 599.
with arsenic, i. 638.
Mercury in syphilis, i. 591, 593.
and arsenobenzol, i. 634, 635.
and arsenic, association of, i. 638, 639, 640, 642, 643.
Mergier process of localisation, v. 209, 228.
Merieux, mixture of antitetanic serum and sub-gallate of bismuth in local treatment of wound for prevention of tetanus, i. 849.
Merozoite, i. 941.
Metacarpal fractures, iv. 182.
Metacarpo-phalangeal joint, in ankylosis, vi. 231.
preparation of end of stump in ex-articulation of, vi. 231.
Metal dust, cause of irritation of muscle, ii. 371–2.
Metal splints, iv. 368.
limitations of, iv. 28.
Metallic plates for cranial protheses in cranioplasty, iii. 860.
Metchnikoff, i. 689.
Meteorism, i. 30.
Method of examination of patients, ii. 3 *et seq.*
Methyl violet, iv. 86.
Methylene blue, i. 645.
Metrical gauge, instantaneous, v. 242.
Metronome, interrupting use of, in connection with electro-diagnosis tables, vi. 10.
"Mexican" stereoscopes, v. 238.
Microbial prophylaxis in typhoid, i. 227, 234 *et seq.*
Micro-organisms, hostile in typhoid, i. 176.
pathogenic, various, i. 117.
Microscopical and macroscopical lesions of injured nerves, ii. 231 *et seq.*
examination of pseudo-continuity lesions, ii. 246.
Micturition, ii. 439.
disorders of, ii. 812.
Miculicz pleural treatment, iii. 521.
Middle plexus paralysis, ii. 135.
primary trunk, ii. 123.
Mid-tarsal joint, ankylosis of, vi. 278.
of Chopart, vi. 258.
Migration of projectiles, v. 271.
Milian, i. 632.
Miliary syphilides, i. 578, 645.
tuberculosis, i. 100.
Military decisions in the psychoneuroses, ii. 884.
Military dispositions, in mental disorders, vi. 644.
Military fitness, for aviation, v. 1034, lesions of ear and. *See* Ear, lesions of, and military fitness.

Milk, a cause of contagion in typhoid, i. 217, 238, 289.
a double danger, i. 238.
as source of dysentery infection, i. 353.
transmission of cholera vibrio by, i. 436.
Milk, paratyphoid infection in, i. 261.
Milk diet in typhoid fever, i. 128.
Millard, i. 586.
Milliampèremeter, v. 9. (*Note.*) ii. 325.
use of, in measuring intensity of current, vi. 6.
Milliampères, definition of, v. 9.
Minié rifle, the, v. 130.
Miramond method of iliac anus in treatment of abdominal wounds, iii. 306, 389.
Missiles within joint, removal of, iv. 11.
Mitchell, Dr. Weir, ii. 69, 81.
Mixed chancre, i. 561.
heredity and, i. 528.
"Mixed" nerves, ii. 23.
Mobile projectiles, v. 291.
Mobilisation, iv. 30.
Ollier's dictum regarding, iv. 31.
Mobilisation, and immobilisation, in sound joints, vi. 297.
manual, for stiff joints, vi. 317.
mechanical, for stiff joints, vi. 317.
of stiff joints, vi. 307, 308.
Mobilisation, forcible, v. 733.
gradual, v. 730.
by a succession of plasters, v. 735.
by mechanical means, v. 729.
of stiff joints, v. 728 *et seq.*
contra-indications to, v. 727.
gradual, by surgeon, v. 730.
mechanical, v. 729.
methods of, v. 728.
Mobilisation, value of treatment, ii. 382.
Mobility, importance of, in ankylosis, vi. 227.
restoration of, in ankylosis, vi. 227.
Mocquot on laparotomy, iii. 320.
Moisture, effect of, on survival of cholera vibrio, i. 428.
Monbrum, Dr., ii. 221–221.
Mono-articular arthritis, i. 75.
Monochord, Struycken's, in examination for deafness, v. 956.
Monocular polyopia, demonstration of, ii. 478.
Monod, Ch., case of tetanus of right upper extremity, i. 752.
Mononucleosis in blood in malaria, i. 1033.
Monoplegia, ii. 713 *et seq.*
brachial, ii. 722.
crural, ii. 723.
organic, data, ii. 609.
Monoplegia in lesions of Rolandic area, iii. 629, 621, 640.
brachial, iii. 621.
crural, iii. 627.
Monoplegic form of local tetanus, i. 783.
diagnosis of, positive, i. 796.
bacteriological examination for bacillus in, i. 796–797.
differential diagnosis of, i. 797.
from acute strychnine poisoning, i. 802.
from contractures or pseudo-contractures following lesions, i. 799.
from contractures of tetany, i. 800.
Chvostek's sign in, i. 801.
forcible extension and flexion of lower limbs in, i. 802.
hyperexcitability of muscles and nerves to galvanism in, i. 802.
Trousseau's sign in, i. 801.
Weiss's sign in, i. 801.
from excitation or irritation of motor and mixed nerves due to lesions, i. 798.
from hysterical contractures, i. 803.
from incomplete hemiplegia, i. 798.
from spasmodic monoplegia of cerebral or medullary origin, i. 798.
period of acme in, i. 790.
blood in, i. 795.
cerebro-spinal fluid in, i. 795.
contractures in, i. 790, 791.
clonic movements in, i. 791.
generalised tonic, form (rigidity of), i. 791–793.
general indications in, i. 793.
facial aspect in, i. 794.
hypersensitiveness in, i. 794.
pulse in, i. 794.
respiration in, i. 794.
urine in, i. 794.
pain in, i. 790.
reflexes in, i. 795,

Monoplegic form of local tetanus, period of acme in, summary of, i. 795.
period of incubation in, i. 783.
in early or precocious tetanus, i. 783.
in late-appearing tetanus, i. 784.
due to surgical traumatism, i. 784, 785.
explanation of, i. 784–785.
period of onset in, i. 785.
general symptoms in, i. 788.
exaggeration of reflexes in, i. 789.
facial expression in, i. 789.
temperature in, i. 789.
local signs in, i. 786.
cramps in, i. 787.
pain in, i. 786.
skin in, i. 786.
spasms in, i. 786–787.
stiffness in, i. 788.
summary of symptoms in, i. 790.
Moral inertia, intensifies disorders, ii. 375.
Morbidity, venereal, i. 503.
Morel's emergency tourniquet, iii. 30.
Moreschi and Marcora, on intravenous injection of anti-cholera evacine, i. 453.
Morestin, reparative operations by, iv. 1004–1007.
Morestin's method of use of costal cartilages in cranioplasty, iii. 861.
Morin and Béclère's, ready reckoner, v. 217, 219.
Morin and Le Marechal, localisation process and apparatus of, v. 179.
Morize process of localisation of projectiles, v. 159.
Morocco campaign, abdominal wounds in, iii. 285.
Morphia in treatment of abdominal wounds, iii. 536.
Morphia in tetanus, i. 889.
Morphine in shock, iv. 215.
Morphological peculiarities, ii. 603.
Morrison's method (Bipp), iv. 77.
Morse key, two way, vi. 14.
use of, in producing contractions, vi. 6.
Mortality statistics in wounds of face, iv. 586.
syphilitic, i. 525, 526.
Mosetig Moorhof, paste of, v. 710 *et seq.*
Motility, Mme. Dejerine on, ii. 319.
rapid recovery of, ii. 318.
(voluntary) recovery of, ii. 279 *et seq.*
Motor affection, fixation of, by psycho-neuropathic state, ii. 750.
agitation, the fit of, ii. 827.
amnesia, ii. 380.
and sensory function after suture, views on, ii. 318.
aphasia, ii. 485; iii. 663, 667.
bundles of nerve fibres, suture of, ii. 357.
changes, ii. 108.
disorders, complete syndrome, ii. 490.
distinguished from hysterical manifestations, ii. 490.
in total paralysis, ii. 55.
not accompanied by organic affections, ii. 490.
old views, ii. 491.
pathogenesis still unsettled, ii. 491.
disturbances, ii. 65, 71, 165, 175, 182, 188, 460.
fibres, ii. 187.
"an error in switching of," ii. 280.
function, test for, ii. 5.
inhibition, symptoms of, ii. 490.
nerves of cervical and brachial plexuses, ii. 142–4.
points of face, ii. 21.
of lower extremity, ii. 18.
power (voluntary), re-establishment of, ii. 269.
recovery of, ii. 42 *et seq.*, 63, 134.
symptoms of upper plexus paralysis, ii. 131.
Motor paralysis, indications for surgical treatment in, vi. 376.
point, displacement of, vi. 64.
points, of face, vi. 35.
of forearm, vi. 43, 46.
of hand, vi. 44, 46.
of lower limb, vi. 47, 50.
of median and ulnar nerves, vi. 42.
of shoulder, vi. 41.
of spinal accessory nerve and cervical plexus, vi. 37.
of upper limb, vi. 38.
topography of, vi. 33, 34.
Motor phenomena, intensity of, in shell-shock, vi. 521.
Motor troubles in typhoid fever, i. 63.

Mouchet, v. 650.
Mouneyrat, i. 612, 636.
Moure, Dr., ii. 223.
Mouth, mucous membranes of, in secondary tetanus, i. 582.
treatment of, in typhoid fever, i. 124.
washes, i. 667.
Mouth-opener, mechanical, iv. 732.
Moynihan's views on Bipp, iv. 79.
Mucous and cutaneous reflexes in wounds of brain, iii. 572.
Mucous membranes, lesions of, in syphilis, i. 582.
diseases with which they may be confused, i. 583.
plaques, i. 520, 564, 565, 582, 583, 619, 620.
"Mucous stopped" in abdominal wounds, iii. 271.
Müller's muscle, paralysis of, iv. 919–920, 922.
Multiple chancres, i. 542.
drainage in abdominal wounds, iii. 539.
fractures of jaw, iv. 620.
fractures of lower limb, iv. 581.
fractures of upper limb, iv. 490 *et seq.*
joint wounds, iv. 272 *et seq.*
Multivisceral wounds of abdomen, anatomical lesions in, iii. 372.
dissemination of lesions in, iii. 374.
fracture of pelvic girdle in, iii. 377.
mortality in, iii. 372–373.
Munition workers and syphilis, i., 504, 522, 523.
hospital treatment of, i. 674.
supervision of, i. 681.
treatment of, i. 650.
work and contagion of, i. 517.
Munk, animal experimentation on function of cerebellum, iii. 709.
on function of frontal lobes of brain, iii. 602.
Murad on laparotomy, iii. 318.
Murphy's supra-pubic drainage in abdominal wounds, iii. 384, 538.
efficaciousness of, iii. 385.
iliac anus in, iii. 389.
injuriousness of, iii. 386.
results of, iii. 305, 387.
situation of wounds in, iii. 389.
triple drainage in, iii. 390.
uncertainty of drainage in, iii. 386.
Muscle and tendon, division of, vi. 335.
Muscles, absence of pain on pressure, ii. 289.
of tonicity of, ii. 287.
affected by plexus paralysis, ii. 131.
and galvanic stimulation, ii. 19.
atrophy of, ii. 297.
chemical action in (Richet), ii. 577.
degeneration of, ii. 213.
elasticity of, lost under cold, ii. 579.
electrical degeneration of, ii. 297.
exaggerated mechanical excitability of, ii. 295.
examination of, ii. 5.
excitability of, ii. 510.
faradic contractility in, ii. 300.
fibres for, ii. 353.
hyperexcitability, cold water test for, ii. 538.
impaired by tendon injury, ii. 492.
in lesions of peripheral nerves, ii. 213.
mechanical hyperexcitability of, ii. 363, 536.
of foot, percussion, ii. 170.
of hand, ii. 54.
of hip, physiology of, ii. 197.
of pelvic girdle, contractures of, ii. 368.
of shoulder, ii. 127–9.
(paralysed), atrophy of, ii. 291.
pelvi-trochanteric, contracture of the, ii. 518.
physiology of, ii. 26.
percussion of the, ii. 536.
poisoning of, in physiopathic affections, ii. 370, 372.
reaction of, results of investigations, ii. 543.
supplied by external popliteal nerve, ii. 159.
by great sciatic nerve, ii. 158.
by internal popliteal nerve, ii. 161.
by plantar nerves, ii. 163.
Muscles, after-effects of wounds in, v. 707.
of joints, lesions of, v. 711.
treatment of, v. 726.
Muscles and bones, lesions of, i. 648, 649.
Muscles and tendons, severance of, vi. 173.
direct lesions of, vi. 335.
direct lesions of, indications for treatment, vi. 336.
disabilities of, and lesions, vi. 334.

Muscles and tendons, sclerosis and secondary retraction of, vi. 341.
etiology of, vi. 341.
mechanical consequences of, vi. 344.
preventive treatment, vi. 345.
surgical treatment, vi. 346.
Muscles dissociated by femoral fracture, iv. 508.
Muscle destruction, iv. 296.
Muscles, orbital ball in, iv. 863.
traumatic lesions of, iv. 879–882.
Muscular activity, estimation of important, ii. 5.
atrophy, ii. 5, 34, 71, 119, 132, 170.
and peripheral lesions, ii. 493.
articular or abarticular origin, ii. 495.
following traumatism, A. Pitres on, ii. 498.
in relation to gunshot wounds, ii. 493.
contractions in shell-shock, ii. 865.
contractures antagonistic to paralysed muscles, ii. 371.
due to irritation by metal dust, ii. 371–2.
dystrophies, ii. 384 *et seq.*
fibre, ii. 83 *et seq.*
hyperexcitability, ii. 365.
hypertonus, ii. 281.
inaction, ii. 371, 375.
lesions, ii. 378.
paralysis, a promising sign in, ii. 278.
signs in syndromes of interruption, ii. 284.
signs of regeneration, ii. 299.
tonicity, ii. 279, 288.
Muscular atrophy, in connection with joint lesions, vi. 355.
contraction, conditions interfering with, vi. 334.
disabilities, vi. 334.
Muscular lesions and disabilities, vi. 334.
general consequences, vi. 334.
substance, less of, vi. 335.
Muscular relaxation, v. 289.
rupture, i. 74.
system in typhoid, i. 74.
tonicity, v. 290.
twitchings in typhoid, i. 60.
Musculo-cutaneous and anterior tibial nerves, ii. 155.
nerve, ii. 117 *et seq.*
anatomy, ii. 117.
Musculo-cutaneous nerve, and anterior tibial nerves, clinical examination, ii. 118.
functions of, ii. 398.
physiology, ii. 118.
Musculo-motor reflex action (Vulpian), ii. 568.
Musculo-spiral nerve, the, ii. 23 *et seq.*, 124.
anatomy of, ii. 23.
complete division, sensory changes, ii. 37.
electrical reactions, ii. 34.
idiomuscular contraction, ii. 41.
intra-truncular arrangement of, localisation of Dejerine and Mouzon, ii. 355.
localisation of fibres of, ii. 354, 355, 357.
motor character of, ii. 30.
muscular atrophy, ii. 34.
nerve-supply of, ii. 400.
paralysis of, ii. 23, 277, 309, 392.
accompanying disorders of unaffected muscles, ii. 33.
appliances for, ii. 331 *et seq.*
diagnosis, ii. 47.
posture in, ii. 32.
prosthetic appliances for, ii 329, 331 *et seq.*
tests for recovery from, ii. 468.
voluntary contraction in, ii. 43.
physiology of muscles, ii. 27.
points of election for palpation, ii. 292 (*note*).
ready regeneration of, ii. 307, 308, 317.
recovery of power of movement, ii. 42 *et seq.*
sensory changes in lesions of, ii. 260.
disorders, ii. 35.
signs of recovery, ii. 46.
subjective disturbances, ii. 38.
tendon and periosteal reflexes, ii. 39.
trophic disturbances, ii. 42.
vasomotor and secretory phenomena, ii. 41.
Musculo-spiral paralysis, prosthetic apparatus in, vi. 379.
surgical intervention in, vi. 378.
Mute, the, and the aphasic diagnosis of, ii. 485.
Mutism, alone, ii. 590, 803.
counter-suggestion in, ii. 485.
hysterical, ii. 485.

Mutism, differentiated from aphasia, iii. 677.
Mydriasis, iv. 881, 887.
Myelin, ii. 232, 236.
Myelitis, non-traumatic forms of, vi. 160.
typhoid, i. 64.
Myocarditis and the Great War, i. 21.
complicating typhus exanthematicus, i. 464.
inadvisability of vaccination in, i. 275.
in typhoid, i. 41.
Myopia, iv. 904–905.
aspasmodic, i. 476.
Myosis, following lesion of cervical sympathetic, ii. 227.
Myositis, retractile, ii. 611.
typhoid, i. 74.
Myotonic constriction, iv. 654 *et seq.*
of maxillæ, mechanico-therapeutic treatment of, iv. 730 *et seq.*

Nageotte's researches on nerve degeneration and regeneration, ii. 231, 237.
Nails, the, catenulate and striated, ii. 77, 78.
in lesions of peripheral nerves, ii. 212.
Nails, lesions of, in syphilis, i. 582.
Narcolepsy, ii. 833.
Narcosis, chloroform, ii. 364.
examinations during, ii. 563.
Nasal fossæ, importance of cleanliness, i. 125.
symptoms in typhoid fever, i. 38.
National peril, syphilis, i. 534.
Nature of nerve lesion, ii. 87.
Neck, extraction of projectiles from, v. 328.
localisation of projectiles in, v. 254.
search for foreign bodies in, v. 123.
Neck, the, rigidity of, ii. 152.
cicatrices and callosities, ii. 4.
crushed, treatment of, ii. 313.
detail of injury, ii. 1.
division, complete, ii. 239.
examination of patient, ii. 3.
fibres most affected, in painful lesions, ii. 87–88.
section of, histological modifications, ii. 232.
trophic nature of, ii 87.
muscles, contracture of, ii. 735.
Neck, vascular wounds of, iii. 149.
arterial aneurisms following, iii. 176.
Neck, vascular wounds of, arterial aneurisms following, course of, iii. 177.
disturbances due to, iii. 177–178.
in middle and lower region, iii. 176.
in upper region, iii. 177.
treatment of, iii. 178.
diagnosis of wound in, iii. 178.
exposure of aneurism in, iii. 178.
extirpation of aneurism in, iii. 179.
complications of, iii. 179.
ligature and suture in, iii. 179.
value of, iii. 180.
arterio-venous aneurism following, iii. 180.
characteristics of, iii. 180.
course of, iii. 181.
disturbances due to, iii. 181.
treatment of, iii. 181.
exposure of lesion in, iii. 181.
identification of vessels in, iii. 182.
separation and repair of vessels in, iii. 182.
in aneurismal varix, iii. 182.
in varicose aneurism, iii. 182.
results in, iii. 182.
site of wound and, iii. 183.
at root of neck, iii. 185.
aneurisms in, iii. 199.
nature and dimensions of, iii. 199.
surgical treatment of, iii. 199.
in aneurisms of common carotid, iii. 201.
in aneurisms of innominate, iii. 200.
in aneurisms of subclavian, iii. 201.
hæmatoma in, iii. 186–187.
internal hæmorrhage in, iii. 186.
lacerations in, iii. 186, 189.
nature of, iii. 185–186.
nervous lesions in, iii. 187.
results in, when untreated, iii. 188.
treatment of, iii. 189.
exposure of great vessels in, iii. 190.
reaction of clavicle and muscles in, iii. 191.
indications in, iii. 189.
hæmorrhage, iii. 189.

Neck, vascular wounds of, at root of neck, treatment of, indications in, infection, iii. 189.
vascular operation in, iii. 194.
arrest of hæmorrhage in, temporary, iii. 194.
clinical examination of site in, iii. 194.
repair of vascular lesions in, iii. 195.
in isolated wound of subclavian artery branches, iii. 197.
in subclavian artery, iii. 195.
ligature in, iii. 196.
suture in, iii. 197.
with injury of branches, iii. 197.
in subclavian vein, iii. 195.
results in, iii. 198.
without hæmorrhage or hæmatoma, iii. 187.
classification of, iii. 150.
clinical picture of, iii, 151.
deep, iii. 149.
in middle and lower region, iii. 150.
in upper region, iii. 151.
superficial, iii. 149.
treatment of, iii. 157.
of bullet-wounds, iii. 158.
in aneurism, iii. 159.
arterio-venous, iii. 159.
in hæmatoma, iii. 157.
arterio-venous, iii. 160.
immediate *vs.* late operation in, iii. 160–162.
of shell-wounds, iii. 158.
of sudden reactionary hæmorrhage, iii. 157.
by digital pressure, iii. 157.
by forci-pressure, iii. 158.
of wounds of middle and lower regions, iii. 162.
diagnosis of, iii. 162.
exposure and incision of hæmatoma in, iii. 163.
in common carotid, iii. 166.
in internal jugular vein, iii. 165.
temporary ligature of common carotid in, iii. 162.
of wounds of upper region, iii. 170.
diagnosis of, iii. 170.
exposure of hæmatoma in, iii. 171.
exposure of internal and external carotids in, iii. 171.
Neck, vascular wounds of upper region, in internal jugular vein, iii. 172.
arrest of hæmorrhage in, iii. 172.
ligature of lateral sinus vessel by mastoid operation in, iii. 172.
in internal or external carotids or their branches, iii. 173.
double ligature in, iii. 175.
triple ligature in, iii. 174.
types of, iii. 151.
with hæmatoma, iii. 152.
characteristics of, iii. 153.
functional symptoms of, iii. 153.
without hæmatoma, iii. 154.
reactionary hæmorrhage in, iii. 154.
secondary hæmorrhage from infection in, iii. 155.
Necrosis, associated with osteomyelitis, v. 580.
of bone, operation on stump in presence of, v. 597.
Necrosis of the larynx, in typhoid, i. 38.
Needle-carrier explorer, an electric, v. 372.
Needle for injection in syphilis, i. 653, 655.
steel, i. 653.
Needle process of extraction of projectiles, v. 285.
Needle rifle, v. 130.
Negroes, susceptibility of, to typhoid fever, i. 168.
Neosalvarsan, i. 615. (*See also* Novarsenobenzol.)
Nephritis in syphilis, i. 588.
in typhoid, i. 69.
acute, i. 104.
secondary syphilitic, i. 588.
treatment of, i. 648.
Nerve, affection of auditory, in syphilis, i. 633.
filament, injury of, i. 662.
Nerve, anterior crural, stimulation of, vi. 47.
auditory, electrical reactions of, vi. 182.
exposed, reactions of, vi. 131.
external popliteal, disability resulting from, complete division of, vi. 381.
stimulation of, vi. 49.
facial, stimulation of, vi. 35.
inexcitability of, vi. 84.

Nerve, internal popliteal, stimulation of, vi. 51.
motor plexus, and spinal accessory, motor points of, vi. 37.
obturator, stimulation of, vi. 47.
radial, stimulation of, vi. 45.
sciatic, stimulation of, vi. 48.
spinal accessory, and motor plexus, motor points of, vi. 37.
Nerve, compression or irritation of, v. 554.
division of, v. 554.
Nerve fibrils, ii. 85.
Nerve grafting, ii. 304–5, 312.
hyperalgesia of, ii. 75 (*note*).
immediate results, ii. 1.
injured, naked-eye appearance of, ii. 310.
injuries, appliances, suitable work for patients suffering from, ii. 348.
by war wounds, ii. 237.
indications for operation, ii. 309.
Leriche's treatment of, ii. 320.
macroscopical appearance of, ii. 310.
operative technique of, ii. 302.
physiotherapeutic treatment of, ii. 322 *et seq.*
recovery of electrical excitability, ii. 265 *et seq.*
results of operations, ii. 304 *et seq.*
spontaneous regeneration of, ii. 309.
surgical treatment of, ii. 302 *et seq.* (*See also* Nerve lesions.)
irritation, transmission of, to spinal grey substance, ii. 567–8.
individual factors opposing regeneration of, ii. 317.
joint affections accompanying, ii. 391 *et seq.*
sions, accessory, ii. 238, 239, 246 *et seq.*
articulations, ii. 3.
causes of operative failure, ii. 315.
earliest sign of recovery, ii. 254.
immediate suture views in regard to, ii. 318.
liberation of, ii. 314, 319.
method of examination of, ii. 1 *et seq.*
motor function, ii. 5.
nature of, ii. 87.
operations without apparent success, ii. 315.
operative results on, ii. 306–7.
Nerve, leisons, painful, surgical treatment of, ii. 319.
points of election for palpation, ii. 292 (*note*).
process of regeneration, ii. 233.
prognosis in, ii. 309.
recovery of conduction, time necessary for, ii. 236.
reflexes, ii. 10.
regeneration of, early symptoms, ii. 299 *et seq.*
impediments to, ii. 249.
individual factors opposing, ii. 317.
period necessary for, ii. 297.
section of, ii. 80, 232.
process of regeneration, ii. 233.
sensory function, ii. 6.
signs of severe lesions of, ii. 283 *et seq.*
simple induration of, ii. 248.
spontaneous cure of, ii. 309.
spontaneous regeneration of, ii. 313.
stereognosis, ii. 9.
structure of, ii. 231.
subjective disturbances, ii. 9.
subsequent history, ii. 2.
supply of joints, summary of, ii. 400 *et seq.*
supply, supplementary, ii. 261.
suture, illogical and defective methods of, ii. 312.
tissues, injuries of, ii. 249.
trunk, alcoholisation of, ii. 80, 320.
with inflammatory changes, ii. 249.
with reaction of degeneration, ii. 267. (*See also* Nerve injuries.)
Nerve lesions, iv. 290.
motor nerves, iv. 854–856.
optic nerve, intra-ocular, iv. 860–861.
Nerve trunk, radiotherapy treatment of, ii. 79.
Nerves and blood-vessels, lesions of, ii. 211.
individuality as to recuperation, ii. 307.
of arm, forearm and hand, ii. 51, 53.
of hand and fingers (Miege), ii. 92.
wounds of, ii. 512.
Nerves, distribution of, vi. 149.
in electro-diagnosis, peculiarities of, vi. 143.

Nerves, median and ulnar, motor points of vi. 42.
motor, normal reaction of, vi. 15.
traumatic paralysis of, vi. 117.
ulnar, vi. 146.
Nerves, lesions of the sensory nerves, iv. 856–957.
sympathetic nerves, iv. 857–859.
Nerves, projectiles in, v. 352.
Nervous accidents in cholera, i. 393.
affections in syphilis, i. 585.
complications in typhoid fever, i. 147.
disorders in bacillary dysentery, i. 304.
in secondary paludism in malaria, i. 1012.
in second phase of primary paludism in malaria, i. 989.
focal symptoms in, i. 991.
mental disorders in, i. 992.
convulsions, i. 992.
melancholia, i. 992.
mental confusion, i. 992.
psychosis, i. 993.
neuralgia, i. 990.
neuro-muscular disturbances, i. 990.
polyneuritis, i. 991.
opotherapy in tetanus, i. 884.
symptoms in paratyphoid fevers, i. 83.
in typhoid fever, i. 58 *et seq.*
meningeal syndromes of, i. 64.
motor disturbances of, i. 63.
psychical disturbances of, i. 60.
sensory disturbances of, i. 62.
typhoid states in, i. 59.
Nervous attacks, ii. 824.
concussion, nature of, ii. 860.
tissue, delicate nature of, ii. 303.
Nervous system, diseases of, mental disorders in, vi. 584.
in shell-shock, vi. 531.
in typhoid fever, complications affecting, i. 90.
principal affections of, in which R. D. appears, vi. 92.
Neuber, paste of, v. 670.
Neuralgia, Babinski's method of radiotherapy for, ii. 327.
trigeminal, Sicard's treatment of, ii. 320.
Neuralgia in malaria, i. 990.
intercostal, in syphilis, i. 633.
Neurasthenia, ii. 424.
causes of, vi. 502.
Neurasthenic condition, in war, vi. 501.
treatment for, vi. 505.
conditions, in acute mental disorders, vi. 501.
depression in shell-shock, vi. 516.
traumatic, vi. 503.
Neurilemma, ii. 231.
Neurites, ii. 235.
Neuritic paralyses, ii. 498.
Neuritis, alcoholic, vi. 171.
infective multiple, severity of, vi. 171.
multiple, vi. 168, 171.
non-traumatic forms of, vi. 160.
Neuritis, ascending, ii. 69, 70, 512, 568, 585, 586.
interstitial with inflammation, ii. 249.
painful, ii. 377.
peripheral, and hysterical paralysis, differentiation, ii. 602 *et seq.*
characteristics, ii. 610.
Neuritis, optic, i. 587, 633; iv. 901, 946.
peripheral, i. 44.
retro-bulbar, iv. 957.
Neuroglia (sheath of Schwann), ii. 235.
Neurological and psychiatrical centres, organisation of, in the army, vi. 644.
Neuropathic state, meaning of, vi. 359.
Neurological centres for treatment of obstinate hysteria, ii. 886–7.
Society of Paris, Commission on Prosthetic appliances, ii. 330.
conclusions regarding reflex disorders, ii. 511.
Neurologist, his psychotherapeutic power, ii. 632.
Neuroma, enucleable, ii. 247.
(experimental) in rabbits, ii. 234.
hersage of, ii. 305, 306.
intra-nervous and juxta-nervous, ii. 247.
meaning of, ii. 235.
Neuromata, amputation, v. *See* Amputation neuromata.
Neuro-muscular adhesions, ii. 315 (*note*).
lesions, elasticity and, ii. 15.
faradic exploration, ii. 17.
Neuro-muscular disturbances in malaria, i. 990.

Neuropathic constitution, ii. 864.
contracture not accompanied by disturbance, ii. 465.
disorders, ii. 424.
heredity, ii. 412.
temperaments, ii. 461.
Neuro-relapses, i. 633, 634.
Neuro-retinitis, i. 633.
Neuroses, inhibiting influences, ii. 867.
traumatic, ii. 846.
Neuroses of anxiety and specialised phobias, vi. 593.
of circulatory system, and malingering, vi. 608.
Neurotisation of nerve segment, ii. 236.
Neurotropism of arsenobenzol, i. 634.
Neuro-vascular auto-grafting, ii. 312.
Neutral salicylate of mercury, i. 607.
Nicolaïer's bacillus, i. 821.
biological properties of, i. 823.
agglutinability in, i. 824.
gas formation in, i. 824.
indol formation in, i. 824.
vitality in, i. 823.
cultures of, i. 822.
experimental pathogenic action of, i. 824.
inoculation with pure cultures in, i. 825.
inoculation with tetaniferous pus or soil in, i. 825.
habitat of, i. 828.
isolation and cultivation of, i. 821.
mobility of, i. 822.
morphology of, i. 821.
staining of, i. 822.
Nicolas, J., i. 539.
Nicolle and Blaizot, serotherapeutic treatment of typhus fever, i. 473–474.
Nicolle's method of staining, i. 559.
"Nigger-boy" speech, ii. 804.
Nimier on laparotomy, iii. 278.
Nitrate of silver, i. 546, 644, 645.
Nitritoid crises, i. 632, 635.
Nitrous-indol reaction test in cholera, i. 402.
No. "102," i. 637; No. "606," 613, 637; No. "914," 615; No. "1116," 636.
Nocard, experimental investigations of, on prophylactic action of antitetanic serum, in animals, i. 856.
Non-paralytic cephalic tetanus, i. 709.
dysphagic, i. 710.
hydrophobic, i. 711.
pure, i. 711.
simple, i. 710.
varieties of, i. 709.
Non-union, treatment of, v. 561.
Non-venereal contaminations, i. 517.
Normal hand in repose, ii. 27.
Normal ray, definition of, v. 48, 49.
importance of, in X-ray interpretation, v. 55.
point of issue of, v. 56.
Novarsenobenzol in syphilis, i. 615, 638, 642.
and nervous system, i. 632.
deaths from, i. 632.
description of, i. 615, 616.
distilled water and, i. 616, 617, 618.
dose of, i. 625, 626, 627, 628.
effects of, on syphilitic manifestations, i. 619.
on cutaneous lesions, i. 670.
on general condition, i. 621.
on headache, i. 620.
on hemiplegia, i. 620.
on iritis and irido-choroiditis, i. 621.
on mucous plaques, i. 619.
on syphilitic chancre, i. 619.
injections of, i. 642, 644, 645.
after effects of, i. 628, 629, 630.
intramuscular, i. 619.
periodicity of, i. 628.
serious accidents in treatment with, i. 631.
acute incephalitis, i. 632.
albuminuria, i. 635.
cardiac disturbance, i. 635.
cutaneous eruptions, i. 635.
gastro-intestinal disorders, i. 635.
icterus, i. 133.
nervous disorders, i. 632
neuro-relapses, i. 632.
vehicle for, i. 616, 617.
solution, i. 654, 655.
Nové Josserand, v. 525, 531.
Nové-Josserand's method, iv. 476.
Novocain, injection of, ii. 637.
use of, in aspiration of pleuro-pulmonary wounds, vi. 789.
Noxious influence of syphilis, i. 528, 529.
Nuclear theory of cephalic tetanus with ophthalmoplegia, i. 735.
Nyrop's grip, v. 501.

Nystagmus, galvanic, vi. 184.
induced, v. 1001. *See* also Barany's tests.
spontaneous, search for, v. 1001.
rare, ii. 810.
test, spontaneous, in wounds of cerebellum, iii. 732.

Objective examination in war deafness, v. 945.
Objective sensibility, ii. 74.
as sign of severe lesion, ii. 293.
disturbances of, ii. 301.
Oblique rays, v. 59.
Obliteration, arterial, ii. 612.
test to distinguish from vasomotor spasm, ii. 613.
Obliteration of cavities and tunnels in epiphyses and short bones, v. 690 *et seq.*
in femur, v. 694–695.
in fibula, v. 696.
in flat bones, v. 648.
in humerus, v. 694–695.
in radius, v. 696.
in tibia, v. 693.
in ulna, v. 693.
operation for, v. 678 *et seq.*
Obturator nerve, ii. 195.
Occipital cranio-cerebral topography, iii. 683.
Occipital lobe, contusion of, iii. 737.
wounds of, iii. 678.
anatomy of, iii. 679.
complications of, iii. 703.
course of disorders of vision in, iii. 701.
cranio-cerebral topography of, iii. 562.
examination of patient in, iii. 685.
field of vision in, iii. 686.
ocular examination in, iii. 685.
field of vision in, types of modification of, iii. 687.
complex defects, iii. 701.
cortical blindness, iii. 691.
hemiachromatopia, iii. 699.
hemiopic scotoma, iii. 696.
homonymous lateral hemiopia, iii. 687.
alexia in, iii. 688.
inferior hemiopia, iii. 691.
etiology of, iii. 691.
horizontal, iii. 692.
quadrantic hemiopia, iii. 694.
localisation of visual area in, iii. 680.
Occipital lobe, wounds of, occipital cranio-cerebral topography in, iii. 683.
physiology of visual area in, iii. 682.
radiography in, iii. 702.
site and characters of wound in, iii. 682.
surgical intervention in, iii. 705.
symptoms of, iii. 684.
associated, iii. 702.
alexia, iii. 703.
disturbance of sense of locality, iii. 702.
visual disorders in, iii. 678.
Ochotin, v. 667.
Ocular complications in second phase of primary paludism in malaria, i. 993.
optic nerve, affections in, i. 994.
motor nerve, affections in, i. 994.
sensory nerve, affections in, i. 994.
iritis, i. 993.
keratitis, i. 993.
secretory disturbances, i. 994.
vascular changes in, i. 995.
chorio-retinitis, i. 995.
conjection of the retina, i. 995.
conjunctival hæmorrhages, i. 995.
exudations, i. 995.
iritis, i. 995.
keratitis, i. 995.
retinal hæmorrhages, i. 995.
uveitis, i. 995.
Ocular complications of orbital fracture, treatment of, iv. 983, *et seq.*
Ocular hyperæsthesia, ii. 475.
wrongly treated, ii. 475.
stigmata, ii. 455.
Ocular lesions in wounds of frontal lobe, iii. 605.
tests in wounds of brain, iii. 581.
Ocular phenomena, shell-shock in connection with, vi. 526.
Oculo-motor nerves, lesions of, in wounds of frontal lobe, iii. 606.
Oculo-motor, optic and facial nerves, lesions of, i. 633.
Oculo-motor paralysis in secondary syphilis, i. 586.
Oedema, ii. 418, 486, 487.
blue, ii. 419.
consistency of, ii. 529.
in the dorsum of the foot, ii. 529.
Oedema and infiltration preceding tetanus, i. 921.

Oedema of brain, cerebral hernia due to, iii. 849.
Oily substance of biniodide of mercury, i. 606.
Ointment, calomel, i. 689.
Old lateral fracture of mandible, iv. 701.
Olecranon, fractures of, iv. 136–137.
Olecranon reflex, ii. 11.
Ollier, v. 655–656, 658, 660.
  osteogenetic layer of, v. 579.
Ollier, arthrotomy, iv. 207.
  method, iv. 13, 18.
  orthopedic results, iv. 244.
  pelvi-cervical support, iv. 194.
  results, iv. 143.
  rugines, iv. 23, 346.
Ombrédanne, method of, iv. 476.
  retracting forceps, v. 305.
Omentum, treatment of lesions of, iii. 519.
Oneiric Delirium, ii. 839.
Opacity, as an indication of synostosis, vi. 221.
Opacity-meter, the, i. 269.
Operating theatres, locality, v. 305.
  preparation of the patient, v. 307.
  preparation of the room and region, v. 308.
  question of lighting, v. 306.
Operation indicators, v. 226.
Operation on severe lesions, choice of time, i. 298.
Operations, preparation for, in fractures of mandible, iv. 739.
  on fractured mandible, details of technic, iv. 742 *et seq.*
  on joints, general technic, iv. 18 *et seq.*
  primary, iv. 10.
  secondary, iv. 16.
  suitable time for, in fractures of mandible, iv. 738.
Operative accidents in syphilis, i. 661.
Operative damage in extraction, v. 277.
Operative indications, as regards age of fracture, iv. 737.
Operative results on nerve lesions, ii. 306–7.
Operative technic in ankle wounds, iv. 245.
  elbow wounds, iv. 149.
  foot wounds, iv. 262.
  fractures of humerus, neck of, iv. 389.
  hip wounds, iv. 190.
  knee wounds, iv. 216.
Operative technic in shoulder wounds, iv. 112.
  wrist wounds, iv. 175.
  subdeltoid fracture, iv. 402.
  shaft of, iv. 412.
  fractures of forearm above elbow joint, iv. 445.
  fractures just above wrist, iv. 462.
  fractures of shaft, iv. 451.
  supra-condylar fracture, iv. 435.
  fracture of femur, sub-trochanteric, iv. 497.
  fractures of leg, shafts, iv. 557.
  fracture of lower radial epiphysis, iv. 479.
  fracture of shaft of radius, iv. 470.
  fracture of ulna, iv. 486.
  of supra malleolar fractures, iv. 572.
Ophthalmia, sympathetic, iv. 983 *et seq.*
  enucleation of globe in, iv. 945–946 (983–988).
  treatment of, iv. 986.
Ophthalmic ganglion, ii. 222.
Ophthalmoplegia, cephalic tetanus with, i. 729, 732. *See also* Cephalic tetanus with ophthalmoplegia.
  summary of, i. 916.
  false, i. 737.
  in cephalic tetanus with paralysis of the hyperglossal, i. 743.
  total, iv. 857–859.
Ophthalmoscope, shows lesions of eye after concussion, iv. 1015.
Ophthalmoscopic examination, iv. *See* Case Reports.
Opium in dysentery, i. 329.
Opponens minimi digiti, ii. 92–3, 164.
  pollicis, ii. 54.
Oppenheim's sign, ii. 12.
Opsonic index, determination of the, i. 121.
Optic atrophy, iv. 843–844, 849, 858, 863.
Optic disc, oedema of, ii. 848.
Optic nerve, atrophy of, iv. 817, 822, 828.
  avulsion of, lesions of, iv. 826, 852. *See Nerves.*
  hæmatoma of sheaths, iv. 865.
  lesions of, iv. 859.
  behind entry of vessels, iv. 862

Optic nerve, lesions of, direct injuries, iv. 862–863.
indirect, iv. 863–865, 870–871.
in wounds of frontal lobe, iii. 605.
retro-bulbar, iv. 861–862.
Optic neuritis, i. 587, 633.
Optical lesions, i. 586.
Oran expedition, cholera in, i. 410.
Orbicularis palpebrarum, contraction of, ii. 481.
Orbit, bones of the, iv. 789.
fractures of the, dynamics of, iv. 797–801.
etiology of, iv. 802–806.
frequency of, iv. 783–784.
history of, iv. 776–787.
resistance of orbit to, iv. 795–796.
protective rôle of, iv. 793.
traumatic hæmorrhages into, iv. 872.
vulnerability of, iv. 798 *et seq.*
Orbit, projectiles of, v. 333. *See also* Eye.
Orbital cavity, iv. 788 *et seq.*
anatomy of, iv. 788.
conformation of, iv. 788 *et seq.*
margin and wall, fractures of the, iv. 971–972.
resisting power of, iv. 795 *et seq.*
Orbital cellulitis, iv. 876.
death following, iv. 878.
Orbital fractures, direct, do not occur by radiation, iv. 809.
direct treatment of, iv. 971.
implicating neighbouring cavities, iv. 976 *et seq.*
in war are direct fractures, 1015.
pathogenesis, 807.
reparative surgery in, 993 *et seq.*
Orbital margin and walls, inferior, external treatment of fractures of, 971 *et seq.*
internal, iv. 970 *et seq.*
superior, iv. 970 *et seq.*
Orbital muscles, paralysis of, iv. 880–881.
repair of damage to, iv. 997.
Organic and hysterical hemiplegia differentiation, ii. 597 *et seq.*
paralysis, differential diagnosis, clear, ii. 417.
lesion of pryamidal tract, diagnosis of, ii. 728.
Organic dementia, in connection with military crimes, vi. 616.
dementias, vi. 576.
diseases, simulation of, vi. 602.
Organic dementia, disorders, combined with hysterical disorders, vi. 153.
nervous disorders, simulation of, vi. 606.
Organo-hysterical association, ii. 624.
Organs, excoriations of genital, i. 562.
gangrene of, i. 557, 562, 563.
Orientation of mandibular arch, iv. 670.
Orthodiagraphy, v. 61.
Orthogonal projections, v. 61.
Orthopædic appliances, ii. 328 *et seq.*
Orthopædic boots for shortening in lower limbs, v. 548.
Orthopædic results, in fractures of astragalus, iv. 243–244.
Orthoscopic sterescopes, v. 238.
Os calcis, gunshot fracture of, iv. 236.
Oscillation, aperiodic, vi. 6.
periodic, vi. 6.
Oscillations, amplitude of, ii. 532.
ascending, in typhoid, i. 5, 7.
in paralysis with contractures, ii. 366.
readings from normal subjects, ii. 533.
Oscillimetric investigations, ii. 510, 533.
method of Marey and Pachon, ii. 530–1.
Osmo-regulator, v. 17.
Osseous sense in wounds of brain, iii. 578.
sensibility, test for, ii. 9.
system, the, i. 75.
Ossiculectomy, v. 845.
Ostectomy, oblique, by Sébileau, iv. 653.
Osteitis, focal, iv. 12.
with granulations and polypi, v. 831.
superficial, v. 831
Osteoclasis, as compared with osteotomy, vi. 405.
in ankylosis in mal-position, vi. 227.
in defects of bony union, v. 550.
Osteogenesis, by substitution, v. 661.
process of, iv. 21.
Osteogenetic cells, death of, iv. 307.
layer, proliferation of, iv. 20.
Osteomyelitis, iv. 300.
chronic traumatic, in amputation stumps requiring further operation, v. 582.
appearance radiographically v. 589.
appearance of stump in, v. 590.
condition in, resembling spina ventosa, v. 589.

Osteomyelitis, chronic traumatic, in amputation stumps requiring further operation, operations necessary to bring about final healing in preparation for artificial limb, v. 595.
sub-periosteal bone becoming excessive in, v. 588.
with moderate infection, v. 582.
with osteosclerosis, v. 587.
with recurring ulceration, v. 585.
with severe infection, v. 584.
accompanied by necrosis and caries, v. 586.
with suppuration, v. 594.
associated processes, necrosis, v. 580.
rarefaction, v. 582.
clinical study of, v. 625.
in compound fractures with chronic sinuses, v. 611.
course of, v. 644.
due to defects of bony union, v. 547.
duration of, v. 644.
effect of, on various parts of bone, v. 580.
general considerations on, v. 578.
radiographic study of, v. 619.
sinuses resulting from wounds of bone and compound fractures, v. 602.
termination of, v. 644.
treatment of, complete resection, v. 655.
by insertion of small drains, v. 648.
by physiotherapy, v. 651.
by polyvalent serum, v. 649.
defective, v. 648, 654.
mineral waters in, v. 652.
Ollier's mere excavation of diseased bone, v. 655.
operation for obliteration of cavities and tunnels in bone, technique of, v. 678.
organisation of clot, v. 659.
osteogenesis by substitution, v. 661.
packing of cavities, v. *See* Cavities of bone.
spontaneous ossification of cavity, v. 656.
Osteomyelitis, complete, time as factor in sterilisation of healed foci of, vi. 228.
spontaneous, of adolescence, vi. 228.
Osteosclerosis, in amputation stumps, v. 587.
Osteotomy, as compared with osteoclasis, vi. 405.
followed by fixation in extension, vi. 231.
in ankylosis in mal-position, vi. 227.
in overlapping and angulation of fragments, v. 549.
shortening from angulation of femur improved by, vi. 405.
Osteo-articular lesions, ii. 639.
Osteo-periosteal reflexes, ii. 10, 12, 295.
Osteo-periostitis, i. 75.
Osteo-plastic flap in skull operations, iii. *See under* Skull.
Osteo-synthesis, in fracture of mandible, iv. 734, 748 *et seq.*
"Osteoporotic hand," ii. 78.
Otis on orbital fractures, iv. 784.
Otitis, acute diffuse external, clinical picture of, v. 814.
definition of, v. 814.
diagnosis of, v. 815.
treatment of, v. 815.
acute suppurative median, duration of, v. 821.
suspected, v. 819.
symptoms of, v. 820.
treatment of, v. 820.
chronic suppurative median, accessible lesions of, v. 832.
advisability of specialist for, v. 823.
attico-antral suppurations with perforation in Shrapnell's membrane, treatment of, v. 840.
attico-tympanic suppuration, v. 828.
central perforation, v. 829.
cholesteatoma, v. 831.
treatment of, v. 839.
and chronic mastoiditis, v. 834.
complete loss of tympanic membrane, v. 829.
diagnosis of, in general, v. 823.
according to localisation, v. 826.
according to stage and extent of lesion, v. 831.
diagnosis of severity of, v. 834.
differentiated from tuberculous, v. 835.
granulations and polypi, v. 831.
treatment of, v. 838, 839.
inaccessible lesions of, v. 832.
lesions of ossicles, v. 832.

Otitis, chronic suppurative median, of mucous membrane, v. 831.
osteitis, v. 831.
perforation of Shrapnell's membrane, v. 830, 832.
types of, v. 833.
postero-superior perforation, v. 828.
suppuration in attic and attico-antral, v. 830.
therapeutic indications, v. 368.
treatment of, attico-antral suppurations with perforation in Shrapnell's membrane v. 840.
atticotomy, operative technique of, v. 840.
cases with tendency to become worse, v. 837.
cholesteatoma, v. 839.
curative, v. 836, 839.
fleshy granulations, v. 838.
opening up of petromastoid cavity, v. 839.
partial, v. 840.
ossiculectomy, v. 845.
palliative, v. 638, 837.
post-operative, v. 843.
results of, v. 844.
severe forms of, v. 836.
simple forms, v. 836.
tympanic suppuration, v. 829.
external, acute diffuse, v. 814.
eczema, chronic, v. 817.
furuncle, v. 809.
diagnosis of, v. 809.
treatment of, v. 811.
induced, v. 816.
induced external, nature of, v. 816.
treatment of, v. 816.
non-traumatic, v. 809.
Otitis media, suppurative, i. 66.
Oto-calorimeter of Brünings, v. 1009.
Oto-goniometer, v. 1011.
Otorrhagia, due to wounds of tympanic membrane and cavity, v. 856.
Over-riding of fragments, iv. 291.
Overwork a predisposing cause of typhoid infection, i. 173.
Oxycyanide of mercury, i. 607.
Oxygen, destruction of tetanus bacillus by, i. 847, 925.
destruction of tetanus toxin by, i. 847.
in treatment of wounds against tetanus, i. 847.
Oysters a cause of typhoid fever, i. 209, 239, 261.
paratyphoid infection in, i. 261.
transmission of cholera vibrio by, i. 435.
Ozone treatment of wounds, iv. 93.

Pachon's sphygmomanometer, ii. 210.
apparatus, ii. 532–3.
Pachymeningitis, hemorrhagic, influence of alcohol in, vi. 587.
Pacinian corpuscles, apportionment of, ii. 83, 85.
nervous structure of, ii. 84, 85.
Packer's hand, v. 495.
Packing of bony cavities, v. *See* Cavities of bone.
Pain, absence of, when trunk of nerve is subject to pressure below seat of lesion, ii. 292.
cf Algia.
spontaneous, ii. 175.
result of vicious posture, ii. 763.
Pain as an indication for operation, v. 273.
sensations in wounds of brain, iii. 578.
Painful nerve lesions, sympathetic irritation cause of, ii. 83.
nerve lesions, peculiarities of, ii. 81–2.
Painless paralysis, treatment of, by electricity, ii. 325.
Pains, paroxysmal, ii. 72.
Palate reflex in wounds of brain, iii. 573.
Palate, soft, lesions of, in syphilis, i. 541, 584.
Pallid cholera, i. 388.
Palmar button, ii. 333.
collateral nerves of the median, ii. 399.
interossei in relation to accoucheur's hand, ii. 525.
muscles, paralysis of, ii. 58.
Palmar flaps, vi. 231.
scar, avoiding of, vi. 230.
Palmar psoriasis, i. 577.
Palmaris brevis, ii. 92.
longus, the, ii. 52.
Palpation of nerves, points of election for, ii. 292 (*note*).
Palpebral fissure, diminution of, ii. 227.
Palpitations, i. 635.
Paludism, clinical study of, i. 949.
defaced, i. 961.

Paludism, first invasion in syndromes of, i. 951.
masked, i. 962.
primary, i. 951.
Paludism, primary, first invasion in, syndromes of, attentuated form of invasion, febrile malaise and fatigue, i. 957.
continued fever of typhoid character in, i. 954.
differentiation of, from typhoid fever, i. 957.
febrile gastric derangement in, i. 951.
diagnosis in, i. 953, 954.
general symptoms in, i. 951.
pulse in, i. 953.
temperature in, i. 953.
general symptoms of, i. 954.
pulse in, i. 955.
quotidian intermittent fever in, i. 958.
temperature in, i. 955.
second attacks or relapse in, i. 960.
defaced paludism in, i. 1002.
masked paludism in, i. 1003.
pernicious attacks in, i. 997.
etiology of, i. 997.
forms of, i. 998.
in algid form, i. 1001.
characteristic appearance of patient in, i. 1001.
initial symptoms in, i. 1001.
secondary alimentary disturbances in, i. 1002.
in cerebral form, i. 999.
apoplectic, isolation type, i. 999.
aphasia in, i. 1000.
hemiplegia in, i. 1000.
convulsive meningeal type, i. 1000.
occurrence of, i. 998.
syndromes of visceral localisations in, i. 968.
anæmic syndromes, i. 969.
hæmorrhagic anæmic, i. 971.
splenomelalgia anæmia, i. 972.
typical form of, i. 969.
with hydræmia, i. 970.
with icterus, i. 972.
auditory disturbances, i. 997.
cachectic syndrome, acute, i. 983.
anæmia in, i. 983.
digestive disturbances in, i. 984.
Paludism, second attacks or relapse in syndromes of visceral localisation in prognosis of, i. 985.
cardio-vascular syndromes, i. 987.
erythromelalgia in, i. 988.
Raynaud's disease in, i. 987.
symmetrical gangrene in, i. 987.
visceral circulation in, disorders of, i. 988.
gastro-hepatic syndromes, i. 974.
in gastro-bilious forms, i. 974.
in infective icterus form, i. 976.
intestinal syndrome, i. 980.
laryngeal complications, i. 995.
nervous manifestations, i. 989.
focal symptoms in, i. 991.
mental disorders in, i. 992.
convulsions, i. 992.
melancholia, i. 992.
mental confusion, i. 992.
psychosis, i. 993.
neuralgia, i. 990.
neuro-muscular disturbances, i. 990.
polyneuritis, i. 991.
ocular complications, i. 993.
motor nerve affection in, i. 994.
optic nerve affections in, i. 994.
sensory nerve affections in, i. 994.
vascular changes in, i. 995.
peritoneal syndrome in, i. 982.
pulmonary syndromes in, i. 985.
bronchitis with pleuro-pulmonary congestion in, i. 986.
mild form of, i. 986.
pneumonia of apex in, i. 986–987.
pulmonary apoplexy in, i. 987.
suprarenal efficiency in, acute and subacute form of, i. 978.
choleriform attacks in, i. 979.
duration of symptoms in, i. 979.
onset of, i. 978.
gradual form of, i. 980.
urinary syndromes, i. 988.
albuminuria in, i. 988.

Paludism, second attacks or relapse in, syndromes of visceral localisations in, suprarenal efficiency in, hæmoglobinuric fever in, early bilious, i. 989.
temperature curve in, i. 962.
apyrexia between attacks in, i. 967, 968.
irregular fever in, i. 967.
isolated attacks in, i. 965.
occurrence of attacks in, i. 967.
quotidian intermittent fever in, i. 965.
remittent continued fever in, i. 962.
tertian attacks in, i. 965.
treatment of, in first invasion, i. 1036.
mode of administration of quinine, i. 1037.
by ingestion, i. 1037.
by intra-muscular and subcutaneous injections, i. 1038.
solutions in, i. 1038.
technique of, i. 1039.
time of administration of quinine in, i. 1041.
in second attacks, treatment of, i. 1043.
summary of treatment in, i. 1049.
treatment of intervals in, i. 1047.
repair of body in, i. 1048.
suspension of quinine in, i. 1047.
treatment of relapses in, i. 1043.
in quotidian fever, i. 1046.
in remittent continued fever, i. 1044.
in low fever, i. 1044.
in pernicious attacks, i. 1044.
in severe attack, i. 1044.
Paludism, secondary, of malaria, i. 1005.
ague fit in, i. 1006.
temperature in, i. 1007.
clinical study of, i. 950.
clinical syndromes of, i. 1011.
anæmia in, i. 1011.
bilious hæmoglobinuric fever in, i. 1011.
attack of, i. 1013.
blood in, i. 1014.
course of, i. 1014, 1015.
icterus in, i. 1013.
occurrence of, i. 1013.
urine in, i. 1014.
Paludism, secondary, clinical syndromes of, nervous disorders in, i. 1012.
disciplined febrile attacks in, i. i. 1005.
evolution of parasite and, i. 1005.
fever in, i. 1008.
irregular, i. 1011.
isolated fits of, i. 1010.
quotidian intermittent, i. 1010.
septan type of, i. 1010.
tertian intermittent, i. 1008.
treatment of, i. 1049.
treatment of ague fits in, i. 1049.
administration of quinine in, by ingestion, i. 1050.
by intramuscular and subcutaneous injection, i. 1050.
treatment of intervals in, i. 1051.
Carducci's method of, i. 1051.
Italian method of, i. 1051.
Job's method of, i. 1051.
Rauvaut's method of, by addition of cocadylate of soda and adrenaline, i. 1052.
Pancreas, in typhoid, i. 72.
Papatacci fever, i. 232.
Papular syphilides, i. 576.
with large papules, i. 577, 578.
with small papules, i. 578, 645.
Papulo-squamous syphilides, i. 578.
Papyraceous induration, i. 541.
Paralysis, facial, in syphilis, i. 586, 646.
tetanus with, i. 712.
age and sex in occurrence of, i. 715.
antiluetic injection of wound in, i. 728.
bacteriology of, i. 726.
characteristics of, i. 712.
clinical picture in, i. 715.
diagnosis of, i. 727.
from tic douloureux, i. 727.
from traumatic spasms, i. 727.
in infectious wounds of face, i. 728.
in unilateral symptoms, i. 727.
Panophthalmitis, iv. 946.
Papilla, traumatic lesions of the, iv. 860.
Papillary stasis in deep chronic brain abscess, iii. 748.

Paraffin, asphalt, No. 21, v. 782.
application of, v. 782.
liquid, in treatment of burns, v. 784.
physical factors of, v. 782.
seven of Major Hull, effects of, v. 781.
formula for, v. 779.
method of treatment with, v. 780.
results of, v. 778.
Paralysed muscles, atrophy of, ii. 291.
Paralyses and contractures due to lesions, ii. 616.
limited, ii. 730.
of one or more than one limb, ii. 713 *et seq.*
at a distance, ii. 384 *et seq.*
differential diagnosis of, ii. 726.
(flaccid) with hypotonus, ii. 369.
treatment, ii. 389.
Paralysis amyotrophic, ii. 59, 569.
"ape-hand," ii. 55.
distinction between organic and hysterical, ii. 594, 599.
electrical changes in, ii. 59.
electrical treatment of: note by Dr. Grunspan, ii. 325.
flaccid, ii. 569.
following wounds, ii. 617–21.
functional, ii. 436.
musculo-spiral, ii. 23.
diagnosis, ii. 47.
recovery of power of movement, ii. 42.
of all muscles below a lesion, ii. 290.
of antero-external muscles, appliance for, ii. 341.
of arm, symptoms, ii. 151.
of cervical and brachial plexuses, ii. 122.
of concomitant lesions of median and ulnar nerves, ii. 107 *et seq.*
of constrictor of pharynx, ii. 224.
of cranial nerves, ii. 220.
of external popliteal nerve, ii. 181 *et seq.*
of flexor sublimis, ii. 58.
of great sciatic and popliteal nerves, ii. 165 *et seq.*
of lumbosacral plexus, ii. 203.
of median and ulnar nerves, ii. 107.
of median nerve, ii. 55 *et seq.*
appliances for, ii. 343.
of musculo-cutaneous nerve, ii. 117.
of musculo-spiral nerve, ii. 27.
of nerves: electrotherapy in, ii. 324.
Paralysis amyotrophic, of nerves of upper extremity, ii. 27.
of palmar muscles, ii. 58.
of peripheral origin, ii. 496.
of posterior tibial nerve, ii. 190.
of upper brachial plexus, appliances for, ii. 346.
(painful), ii. 326.
(painless), ii. 325.
partial, ii. 65 *et seq.*, ii. 103 *et seq.*
plexus, ii. 130 *et seq.*
recovery of power of movement, ii. 63.
sciatic nerve, ii. 277.
sensory disorders, ii. 61.
sympathetic, ii. 496.
systematised, ii. 590.
total, ii. 55.
a sure sign of, ii. 297.
ulnar, ii. 93 *et seq.*
appliances for, ii. 345.
vasomotor and other changes, ii. 62.
with, contractures, ii. 361, 448.
signs of, ii. 362 *et seq.*
Paralysis, circumflex, surgical indications in, vi. 377.
diphtheritic, occurrence of, vi. 171.
facial, vi. 164.
a frigore, vi. 160.
absence of clinical signs in, vi. 164.
due to auriculomastoid wounds, v. 872.
treatment of, v. 879.
ischæmic, vi. 159.
motor, electro-diagnosis in, vi. 117.
of toxic and infective origin, vi. 160.
radicular, of brachial plexus, vi. 166.
reflex, vi. 155.
traumatic, of nerves, vi. 117.
Paralysis, facial, tetanus with, duration of, i. 726.
etiology and frequency of, i. 714.
facial paralysis in, i. 721.
clinical characters in, i. 721.
in complete peripheral facial paralysis, i. 722.
in lower facial type, i. 722.
in superior facial type, i. 723.
in total facial type, i. 723.
commencement of, i. 721.
development of, i. 724.
diagnosis of, i. 724.
pathogenesis of, i. 725.
prognosis in, i. 724.
situation of, i. 721.
fever in, i. 725.

Paralysis, facial, history of, i. 713.
incubation in, i. 718.
individual signs in, i. 717.
muscular contractions in, i. 719.
degree of, i. 719.
extension of, i. 720.
in paralysed muscles, i. 719.
in side not paralysed, i. 720.
prognosis of, i. 726.
situation of wound in, i. 717.
trismus in, i. 718.
Paralysis, false general, differentiated from shell-shock, vi. 520.
general, apparent onset, vi. 569.
differentiated from mental confusion, vi. 478.
forms and progress of, vi. 574.
in connection with discharge from the army, vi. 668.
origin of, vi. 569.
physical symptoms of, vi. 572.
specific treatment in, vi. 574.
tabetic types of, vi. 587.
treatment of, vi. 574.
great sciatic, vi. 381.
indications for surgical treatment, vi. 383.
motor, indications for surgical treatment in, vi. 376.
musculo-spiral, surgical intervention in, vi. 378.
peripheral facial, vi. 160.
radial, vi. 165.
reflex, vi. 155.
regressive general, vi. 587.
tabetic mental, vi. 586.
toxic and infective, vi. 160.
traumatic, of nerves, vi. 117.
Paralysis, of external rectus, iv. 928, 961.
of nerve of the eye, iv. 856.
of orbital muscles, iv. 880, 881.
Paralysis tests in wounds of brain, iii. 567.
in head, iii. 569.
in limbs, iii. 568.
in trunk, iii. 569.
Paralysis in typhoid fever, i. 23, 64.
ocular, cephalic tetanus with, i. (*See* Cephalic tetanus with ophthalmoplegia.)
of cranial centres, i. 633.
of oculo-motor nerves, i. 586.
Paralytic club-foot, period of regeneration in, vi. 375.
disabilities and deformities, vi. 373.
general principles of treatment in, vi. 376.
Paramedian fracture of jaw, iv. 606–608.
Paramnesia, cause of, vi. 474.
Paraplegia, ii. 713 *et seq.*, 724–5.
most frequent form of paralysis, ii. 463.
organic and hysterical signs, ii. 601–2.
patient, treatment of, ii. 634.
Paraplegia, cortical cerebral, in lesions of Rolandic area, iii. 628.
spasmodic, in lesions of Rolandic area, iii. 629.
Paraplegic form of local tetanus, i. 805.
diagnosis of, i. 809.
differential diagnosis of, from cerebro-spinal meningitis, i. 809.
symptomatology of, i. 805.
in inferior type, i. 806.
contractures of limbs in, i. 806.
muscular rigidity of abdominal wall in, i. 806.
in superior type, i. 807.
pain in, i. 807.
reflexes in, i. 808.
summary of, i. 808.
temperature in, i. 808.
types of, i. 805.
Paratonic paresis, ii. 361.
of hand (Pierre Marie and Foix), ii. 750.
Paratyphoid, ambulatory, i. 11, 93, 180.
Paratyphoid bacilli, i. 182.
differentiated from typhoid bacillus and Bacillus coli, i. 113, 114–115.
agglutinability in, i. 116.
Bacillus fæcalis alkaligenes and, i. 117.
intermediate bacilli in, i. 117.
means of entrance of, i. 256.
probable carriers of, i. 236.
Widal's serum test in, i. 118.
Paratyphoid fevers, A and B, i. 80 *et seq.*
abdominal pain and tenderness in, i. 82.
antipyretic measures in, i. 133.
attentuated forms of, i. 92.
bladder disturbances in, i. 89.
buccal exanthem in, i. 83.
cardiac disorders in, i. 84.
choleriform symptoms of, i. 94.
clinical characters of, i. 80.
clinical diagnosis of, i. 96 *et seq.*

Paratyphoid fevers, A and B, complications of, i. 87.
contagion in, by food, i. 257.
convalescence in, i. 87.
course in, i. 86.
diagnosis by laboratory methods, i. 107 *et seq.*
diet in, i. 128.
differentiated from typhoid, i. 93.
difficulty of diagnosis, in, i. 97.
epidemics of, i. 258, 261.
etiology of, i. 256.
animals as carriers in, i. 257.
drinking water in, i. 258.
fæcal matter in, i. 256.
food in, i. 257.
general consideration of, i. 253.
human carriers in, i. 256.
meat in, i. 258.
milk in, i. 261.
oysters in, i. 261.
gastro-intestinal form of, i. 93.
hygiene of genito-urinary organs in, i. 127.
hygiene of patient in, i. 123.
hygiene of skin in, i. 125.
incubation period of, i. 81, 255.
intestinal hæmorrhage in, i. 88.
intestinal perforation in, i. 89.
kidney disorders in, i. 89.
lenticular rose spots in, i. 76, 83, 93.
mild form of, i. 92.
nervous symptoms in, i. 83.
occurrence of, i. 253.
onset of, i. 82.
peritonitis in, i. 89.
phlebitis in, i. 89.
prophylaxis of, i. 253 *et seq.*, 261 *et seq.*
pulmonary complications in, i. 89.
pulmonary signs in, i. 84.
pulse in, i. 86.
reaction of fixation of complement in test for, i. 121.
"regional influences," in, i. 255.
relapses in, i. 87.
resemblance of, to cholera, i. 94.
to other intestinal forms, i. 92.
resemblance of symptoms and complications of, to typhoid, i. 97.
statistics of, i. 90, 91.
symptoms of, resembling other intestinal diseases, i. 73.
temperature in, i. 56, 82, 85.
tetany in, i. 90.
toilet of mouth and nasal fossæ in, i. 124.
treatment of, i. 123 *et seq.*
Paratyphoid fevers, A and B, ubiquity of, i. 254.
urine in, i. 84.
value of blood examination in diagnosis of, i. 92.
Paratyphoid infections, i. 257.
Paré, Ambrose, on injuries to eye, iv. 778.
Parenchyma, rupture of, in pleuro-pulmonary wounds, vi. 699.
Parenchymatous neuritis, ii. 249.
Paretic foot, the, ii. 362.
Paresis associated with contractures, ii. 368.
of foot, ii. 488, 492.
of lower extremity; symptoms, ii. 151.
Parietal arteritis, i. 45.
anatomy of, iii. 642.
ascending parietal convolution, tion, iii. 642.
first or superior convolution, iii. 643.
second or inferior parietal convolution, 643.
course of, iii. 650.
fracture, excision of, iv. 11.
lobe, wounds of, iii. 642.
physiology of, iii. 645.
prognosis of, iii. 650–651.
symptoms of, iii. 645.
absence of, iii. 645.
aphasia disorders, iii. 647.
apraxic disorders, iii. 647.
associated, iii. 649.
hemiplegia, iii. 649.
hemiopia, iii. 650.
sensibility disturbances, iii. 646.
perception, iii. 646.
position, iii. 646.
wound in, iii. 645.
wounds, as a complication in chest wounds, treatment of, vi. 864.
Parinaud, Dr., v 32.
research work of, v. 301.
Pari-papillary rings, iv. 865–866, 869, 870.
Paris, epidemic of cholera at, i. 434.
typhoid fever mortality in, i. 171.
typhus epidemic at, i. 393–394.
water-supply of, i. 212.
Parkinson's disease, mental depression in, vi. 585.
Parotitis, i. 72.
Paroxysmal pains, ii. 73.
Parthenogenesis of gametes, i. 942.
Partial resection of nerve, ii. 305.
synostosis, vi 221.
tetanus, i. *See* Local tetanus.

Passive movement sensation in wounds of brain, iii. 578.
Pasteurian method of vaccination, i. 263.
Patella, fracture of, iv. 205.
removal of, iv. 217.
Patellar clonus in wounds of brain, iii. 575.
reflex, ii. 11.
reflexes in wounds of brain, iii. 570.
Paternal heredity, i. 528.
Patient's antecedents and secondary syphilis, i. 547.
Pathogeny of physiopathic affections, ii. 369 *et seq.*
"reflex" and "sympathetic," ii. 587.
Pathogenesis of orbital fractures, iv. 807.
Pathological phenomena following explosions, ii. 437.
Pathology of visual disorders, iv. 849 *et seq.*
Pauchet on laparotomy, iii. 327.
Pautrier, i. 508, 534.
Pautrier's report on syphilis, i. 534.
Pectineus muscle, ii. 200.
Pectoralis major, ii. 125, 129, 131.
contracture of, ii. 151.
minor, ii. 125.
Pediculus Capitis, P. pubis, P. vestimenti, in transmission of typhus, i. 492.
Pediculus vestimenti, i. 492, 499.
Peg leg, v. 408.
articulated, conversion of, into leg with free knee movement and vice versa, v. 438.
conversion of, into leg with free knee joint, v. 438.
jointed, v. 408.
fitting of transverse joint in, v. 409.
locks of, v. 410, 411.
principle of, v. 409.
old-fashioned, v. 408.
rigid, v. 401.
defects of, v. 409.
shape of leg piece, v. 410.
with joint at knee, v. 409.
with show leg and foot, v. 411.
Pellot on laparotomy, iii. 312, 320.
Pelvi-cervical support, Ollier's, iv. 194.
Pelvi-pedial, casing, iv. 195.
support (Bosquette), iv. 525.
Pelvi-trochanteric muscles, ii. 198.
contracture of, ii. 520.
Pelvic arteries, aneurism of, iii. 228.
of common iliac, iii. 228.
of external iliac, iii. 229.
of gluteal artery, iii. 231.
of internal iliac, iii. 228.
Pelvic girdle, fracture of, in wounds of abdomen, iii. 377.
Pelvic vessels, wounds of, of iliac vessels, occurrence of, iii. 222.
Pelvis, projectiles in, v. 267, 348, 350.
of artery and vein, iii. 222.
treatment of, iii. 223, 225.
exposure of wound in, iii. 225.
incision in, iii. 225.
repair of vessel in, iii. 225.
ligature in, iii. 225.
suture in, iii. 225–226.
temporary hæmostasis in, iii. 225.
Pelvic vessels, wounds of, iii. 222.
of gluteal and sciatic arteries, iii. 226.
external hæmorrhage in, iii. 226.
nature of, iii. 227.
treatment of, iii. 227.
exposure of vessel in, iii. 227.
ligature in, iii. 227.
of iliac vessels, iii. 222.
cases of, iii. 223.
course of, iii. 222.
hæmatoma in, iii. 224.
Pelvis, flexion of thigh on, ii. 199.
Penetration, intraparietal, i. 661.
Penetrating wounds of abdomen, diagnosis of, iii. 446.
abdominal syndrome in, iii. 451.
course of projectile in, iii. 447.
of skull, iii. 771, 773.
Penetrometer, Belot's, v. 28 (*note*).
Penis, dorsal nerve of the, ii. 197.
Penis, epithelioma of, i. 557.
Pensions, v. 792.
for deafness, v. 1036.
Percussion, Graphic method of, ii. 540.
muscular contraction by, ii. 540.
of the muscles, method of, ii. 537.
various effects of, ii. 538.
Percy's Manuel de Chirurgié d'armée (1792), quoted, iv. 778, 779.
Perforating wounds of skull, iii. 771, 773.
Perforation, intestinal, i. 33, 145.
in paratyphoid, i. 89.
Perforative peritonitis, i. 34.

Periarterial sympathetic sheath, tearing of, ii. 88.
neuritis, cause of painful lesion, ii. 82.
Peri-articular deposits, as shown by radiograms, vi. 221.
Pericarditis, i. 41.
Pericardium, localisation of projectiles in, v. 258.
Perimetric examination, ii. 478.
Perineal concavity, v. 395.
nerve, ii. 197.
Perineural adhesions, ii. 315 (*note*).
"Period of meditation," ii. 447.
Periodicity of injection of novarsenobenzol in syphilis, i. 628.
Perionyxis, i. 582.
Periosteal callus, in simple lateral displacement, vi. 397.
reflexes, ii. 39.
regeneration, iv. 145.
Periosteum, v. 579.
condition of, in fractures, iv. 285 *et seq.*
infection of, iv. 305.
in osteomyelitis, v. 580.
Periostitis, chronic, i. 75.
circumscribed, i. 75.
in amœbic dysentery, i. 307.
in dysentery, i. 304.
Peripheral circulation, state of, ii. 694.
nerves, lesions of, method of examination, ii. 1 *et seq.*
previous history, ii. 1.
secretory disturbances in, ii. 215.
sensory disturbances, ii. 215.
vascular lesions associated with, ii. 209 *et seq.*
Peripheral lesions as cause of epilepsy, vi. 590.
Peritoneal abscesses, drainage of, iii. 540.
Peritoneal symptoms in second phase of primary paludism in malaria, i. 982.
Peritoneum, i. 68.
posterior, treatment of lesions of, iii. 519.
[illegible] in typhoid fever, i. 68, 145.
[illegible], i. 34.
[illegible] perforation, i. 89.
[illegible] syphilides, i. 582.
[illegible] cellular tissue, penetration of fluid into, in syphilis, i. [illegible].
Permanent hæmostasis in treatment of wounds of blood vessels, iii. 33.
choice of method in, iii. 40.
ligature in, iii. 40.
suture in, iii. 43.
forci-pressure in, iii. 36.
ligature in, iii. 33.
advantages of, iii. 40, 45, 46.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene following, iii, 40–43.
too tight, iii. 34.
suture in, iii. 37.
asepsis in, iii. 43.
circular, ii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
Permanent incapacity, appliance for, ii. 331.
Permanganate of potash, i. 546.
Permeability of bodies by X-rays, v. 21.
Pernicious anæmia, progressive, i. 971.
attacks in malaria in second phase of primary paludism, i. 961, 997.
algid form in, i. 1001.
characteristic appearance of patient in, i. 1001.
initial symptoms in, i. 1001.
secondary alimentary disturbances in, i. 1002.
cerebral form in, i. 999.
apoplectic, isolation type, i. 999.
aphasia in, i. 1000.
hemiplegia in, i. 1000.
convulsive meningeal type, i. 1000.
etiology of, i. 997.
forms of, i. 998.
occurrence of, i. 998.
Peronei muscles, localisation of, fibres for, ii. 354.
Peroneus brevis, ii. 156, 161, 187.
longus, ii. 160, 172, 187.
tertius, ii. 156, 157, 160.
Peroxide of hydrogen, i. 546.
Perroncitios phenomenon, ii. 234.
Persecution, transitory delusions of, vi. 494.
Persecutory delusions, chronic, general consideration of, vi. 567.

Persecutory delusions, mania, acute, military crimes in, vi. 617.
manias, in mental depression, vi. 498.
Personal precautions in syphilis, i. 688, 689.
Perspiration, i. 76, ii. 41.
Persuasion may produce decisive effect, ii. 634.
Persuasive conversation in psycho-neuroses, ii. 878.
Pes equinus, apparatus for correction of, iv. 562.
"Petit mal" in wounds of brain, iii. 755.
Peyer's patches, typhoid bacillus in, i. 176, 177.
ulceration of, frequent in para-typhoid fevers A and B, i. 81 (*note*).
Pflüger's law of contraction, vi. 22.
theory, in the law of electro-physiology, vi. 28.
Phalanges, articulations of, ii. 401.
hyperextension of, ii. 108, 112.
Phalanx, middle, flexion in, vi. 231.
terminal, loss of, vi. 232.
flexion in, vi. 231.
Pharmaceutical Formulary for Military Hospitals, i. 599.
Pharyngeal ulcers, i. 29.
Pharynx, lesions of, i. 584.
paralysis of constrictor of, ii. 224.
Phase of contemplation, in psychic disorders, ii. 726.
of meditation (Charcot), ii. 768.
Phelip and Policard, case of sub-acute and benign tetanus, i. 799.
Phenolising of wound cavities in gas gangrene, v. 766.
Phlebitis, in paratyphoid, frequency of, i. 89.
in syphilis, i. 588.
in typhoid, i. 43.
Phlegmasia alba dolens, i. 43.
Phlegmonous abscess in infections of lungs, vi. 845.
Phobias, specialised, and neuroses of anxiety, 593.
Phosphorescent bodies influenced by X-rays, v. 29 (*note*).
Photographic plate, action of X-rays on v. 34.
negative and positive, v. 34.
Photophobia, ii. 810.
in syphilis, i. 587.
Phrenicotomy, bilateral, in treatment of tetanus, i. 905.
Physical predisposition as a factor in mental depression, vi. 486.
Physician's influence in psycho-neuroses, ii. 872.
Physiological features in:
fracture of humerus, neck of, iv. 386.
sub-deltoid fracture, iv. 400.
shaft of, iv. 407.
supra-condylar fracture, iv. 433.
fractures of forearm above elbow joint, iv. 442.
just above wrist, iv. 460.
shaft, iv. 446.
fracture of lower radial epiphysis, iv. 477.
fracture of shaft of radius, iv. 466.
fracture of ulna, iv. 484.
fracture of femur, sub-trochanteric, iv. 494.
shaft, iv. 508.
supracondylar, iv. 547.
fractures of leg, shafts, iv. 555.
of supramalleolar fractures, iv. 570.
Physiological incisions, iv. 19.
interruption, ii. 286.
diagnosis, ii. 290.
serum, intravenous injection of, for treatment of acute anæmia following extensive wounds of blood vessels, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of, iii. 48.
results of, iii. 50.
irrigation in digital exploration of wound of skull, iii. 831.
irrigation of cerebral wound, iii. 816.
serum in syphilis, i. 644.
and novarsenobenzol, i. 618.
Physiopathic affections, ii. 360 *et seq.*
due to prolonged immobilisation, ii. 372.
four groups of, ii. 377.
motor disturbances in, ii. 380.
pathogeny, ii. 369.
symptomatology, ii. 360.
treatment, ii. 381.
Physiopathic "disorders," ii. 371, vi. 155.
disturbances, i. 990.
phenomena, ii. 491.

Physiotherapeutic measures in physiopathic affections, ii. 381.
treatment of nerve injuries, ii. 322 *et seq.*
methods, mobility restored by, vi. 217.
Physiotherapy in treatment of contractures of foot, vi. 369.
Picqué, ambulance of, iii. 414.
on abstention in abdominal wounds, iii. 325.
on bayonet wounds of abdomen, iii. 331.
on laparotomy, iii. 303, 304.
Picric acid, in treatment of burns, v. 784.
Pierced screen of Hirtz and Gallot, v. 182.
Pierre process of triangulation, v. 204.
Pigmentary syphilide, i. 579, 580.
Pigmentation, iv. 900–901.
Pigmented ring in hæmatoma, iv. 865, 867, 868, 869, 870–871, 872.
Pilon tube, v. 6.
Pirie stereoscope, v. 238.
Pirogoff's tibio-tarsal disarticulation, iv. 261.
Pithiatic and reflex disorders, distinction between, ii. 641.
disorders cured by persuasion, ii. 641.
development of, ii. 426.
mechanism of, ii. 431.
phenomena, ii. 439, 441, 442.
common after long hospitalisation, ii. 445.
symptoms, ii. 424.
therapeutics, ii. 630.
Pithiatism, derivation of, ii. 423.
Pitreson diagnosis of anatomical section, ii. 290.
on mechanical diagnosis, ii. 539.
on nerve traumatism and repair, ii. 231, *et seq.*
on value of immediate suture, ii. 318.
report to Neprological Society, ii. 44.
Pityriasis rosea, Gibert's, i. 575, 576.
Plantar arch, flattening of, ii. 182.
cutaneous reflex, ii. 169, 471.
internal, ii. 158.
nerves, muscles supplied by, ii. 163.
Plantar reflex in wounds of brain, iii. 572.
Plantaris muscle, ii. 161.
Plaques, depapillated, i. 583.
giant, i. 584.
mucous, i. 520, 564, 565, 582, 583, 619, 620.
of Bazin and Legendre, i. 576, 577.
Plasmodium falciparum in blood in malaria, i. 939, 1025, 1029.
gametes of, i. 1030.
schizont of, i. 1029.
Plasmodium malariæ in blood in malaria, i. 939, 1025.
amœboid bodies of, i. 1031.
gametocytes of, i. 1033.
rosette bodies of, i. 1031.
schizonts of, i. 1031.
Plasmodium vivax in blood in malaria, i. 939, 1025.
amœboid body of, i. 1027.
blood corpuscles in, i. 1025.
gametes (or gametocytes) of, i. 1027.
parasite itself in, i. 1025.
schizont of, i. 1025.
Plaster appliances, iv. 370 *et seq.*
bandages, iv. 426.
casing, for immobilising, iv. 28.
continuous extension, iv. 376.
errors in construction of, iv. 374.
gait, iv. 358.
Plates, importance of technical faultlessness in, v. 113.
interpretation of, v. 216.
number of, v. 114.
reading of, v. 113.
and incompetence of radiologist, v. 117.
and photographic imperfections, v. 117.
and shadows cast by abnormal bony growths, v. 120.
and written interpretation, v. 126.
causes of error in region of lung, v. 121.
fictitious projectiles, v. 116.
for shape and nature of projectile, v. 114.
Hirtz compass in, v. 216.
of lower limb, v. 124.
of neck and lumbar vertebræ, v. 123.
of shoulder, v. 124.
of skull, v. 123.
of thorax, v. 124.
by articles of clothing, v. 118.
by bony abnormalities, v. 124.
by dental devices, v. 119.

Plates, reading of, of thorax, by "fillings" of bony cavities with iodoform, v. 120.
by iodoform, v. 118.
by medicaments of high atomic weight, v. 119.
by metal bodies introduced into the organism by the surgeon, v. 120.
by multiple calcified glands, v. 121.
by pathological concretions, v. 121.
Platinocyanide of barium, bodies rendered fluorescent by, v. 29.
Pleura, i. 40 *et seq.*, i. 14.
Pleura, infections of, vi. 826.
anæsthesia in, vi. 852.
anatomical lesions, vi. 830.
gangrenous form, prognosis of, vi. 831.
thoracotomy with rib-resection in, vi. 854.
after-treatment of, vi. 860.
technique of, vi. 854.
treatment of, vi. 852.
injuries of, in open wounds of thorax, vi. 687.
in pleuro-pulmonary wounds, vi. 875.
wounds of, consideration of late sepsis in, vi. 827.
danger of early sepsis in, vi. 827.
presence of Bacillus perfrigens in, vi. 826.
progress of repair in, vi. 687.
Pleura, wounds of, vi. *See under* Wounds, pleuro-pulmonary.
Pleural adhesions, early, in pleuro-pulmonary wounds, vi. 779.
cavity, effusion of blood in, vi. 706.
cavity, effusion of blood in pleuro-pulmonary wounds, vi. 709.
injuries consideration of, in pleuro-pulmonary wounds, vi. 875.
lesions, in pleuro-pulmonary wounds, vi. 685.
Pleural cavity, occurrence of pneumothorax in, vi. 706.
Pleural hæmorrhage, treatment of, iii. 90.
Pleurisy, delayed purulent, as a complication in pleuro-pulmonary wounds, vi. 840.
early purulent, in pleuro-pulmonary wounds, vi. 836.
sero-fibrinous, and hæmothorax, vi. 762.
Pleurisy, traumatic tuberculous, from pleuro-pulmonary wounds, vi. 762.
Pleurisy, hæmorrhagic, i. 40.
in typhoid, i. 40, 147.
Pleurisy with exudation, and hæmothorax, vi. 734.
delayed purulent, diagnosis of, in pleuro-pulmonary wounds, vi.
early secondary purulent, as a complication in pleuro-pulmonary wounds, vi. 839.
exudative, etiology of, in pleuro-pulmonary wounds, vi. 796.
sero-fibrinous, and hæmothorax, vi. 735.
Pleuritis, secondary exudative, and hæmothorax, vi. 761.
Pleuro-parietal adhesions, dense, as a result of pleuro-pulmonary wounds, vi. 874.
Pleuro-pulmonary gas-gangrene diagnosis of, vi. 829.
prognosis of, vi. 828.
symptoms of, vi. 828.
infections, pneumonia and broncho-pneumonia as complications in, vi. 849.
wounds, vi. *See under* Wounds, pleuro-pulmonary.
Pleuro-typhoid, i. 9, 40.
Pleurotomy for drainage, indications for performance of, vi. 843.
technique of, in pleuro-pulmonary wounds, vi. 796.
Plexus, brachial, ii. 123.
cervical, ii. 126.
lesions of, ii. 119.
spontaneous recovery, ii. 314.
paralysis, ii. 130 *et seq.*
Ploughing wounds of skull, iii. 772, 773.
Plugging, instead of drainage tubes, iv. 349.
Plumber's hand, v. 495.
Pneumatocele, and hernia of lung, differentiation of, vi. 764.
Pneumogastric nerve, lesion of, ii. 225.
Pneumococci in cerebro-spinal fluid, ii. 498.
Pneumonia and broncho-pneumonia as complications in pleuro-pulmonary infections, vi. 849.
traumatic, vi. 703, 756.

Pneumonia, apical, differentiated from typhus, i. 470.
in malaria, i. 986–987.
in cholera, i. 393.
in typhoid fever, i. 18, 39.
lobar, i. 103.
Pneumonic hemiplegia, ii. 497.
Pneumothorax as complication in chest wounds, vi. 706.
by hyper-pressure, vi. 708.
closed, vi. 708.
etiology of, vi. 707.
evolution of, vi. 759.
limited, physical signs of, vi. 749.
occurrence of, in pleural cavity, vi. 706.
open, vi. 708.
signs of, vi. 748.
simple complete, physical signs of, vi. 748.
simple, complete, prognosis of, vi. 759.
simple, evolution of, vi. 759.
simple, localised, prognosis of, vi. 759.
total, vi. 709.
valvular, vi. 708.
as a complication in war wounds of chest, vi. 769.
treatment in, vi. 825.
Pneumo-typhoid, i. 8, 39.
Poisoning, differential diagnosis of cholera from forms of, i. 398.
Polar equality, ii. 267.
reversal, ii. 267.
Polarisation, electrolytic, laws of, vi. 9.
electromotive force of, vi. 9.
current, passage of, vi. 9.
Polarity of electrodes, transposition of, vi. 9.
Police supervision of syphilis, i. 699.
Polio-encephalitis, acute, i. 63.
Poliomyelitis, vi. 171, 172.
Polyclinics, i. 690, 691.
Polymorphous delirium, differentiated from excited mental confusion, vi. 479.
Polyneuritics in malaria, i. 991.
in syphilis, i. 633.
Polyopia, monocular, ii. 474.
Polypnœa, treatment, ii. 821.
Polyuria, ii. 816.
Polyvalent bacillary vaccine sterilised by ether, i. 151.
Polyvalent serum, iv. 35.
treatment of wounds with, iv. 98–99.
Popliteal artery, lesions of, ii. 217.
nerve, ii. 155, 157.
evolution of lesions of, ii. 171, 176.
lesions of, ii. 264.
muscles supplied by, ii. 159.
muscular branches of, ii. 158.
paralysis of, ii. 187 *et seq.*
regeneration of motor function of, ii. 171.
Popliteal vessels, aneurism of, iii. 252.
physical signs of, iii. 252.
treatment of, iii. 253.
in arterial aneurism, iii. 253.
extirpation of sac in, iii. 253.
Mata's aneurismorrhaphy in, iii. 253.
in arterio-venous aneurism, iii. 253.
extirpation of sac in, iii. 253.
ligature or suture in, iii. 254.
vascular graft in, iii. 254.
Popliteus muscle, ii. 161.
Porot on reflex disorders, ii. 512.
Portable cell-batteries, vi. 5.
galvanic battery, vi. 5.
Position of foot, in facture of thigh, iv. 533.
Position, sense of, in wounds of brain, iii. 578.
Posterior fractures of mandible, iv. 599.
Posterior tarsus, fracture of, iv. 243.
Post-hospital treatment and supervision, i. 679, 680.
Post-operative treatment:
of ankle wounds, iv. 248.
of elbow wounds, iv. 154.
of foot wounds, iv. 266.
of hip wounds, iv. 193.
of knee wounds, iv. 218.
of shoulder wounds, iv. 117.
Postman's hand, v. 493.
Posture of patient when wounded, ii. 1.
Post-vaccinal fever, i. 271.
Potential-reducer, use of, instead of rheostat, vi. 4.
Posterior tibial nerve, muscles supplied by, ii. 162.
paralysis of, ii. 190.
Postscript, ii. 643.
Potassium, bromide in tetanus, i. 889.
Potherat on laparotomy, iii. 320.
Potts' disease, in relation to camptocormia, ii. 743.
Pozzi, case of paraplegic form of local tetanus, i. 805.

Pozzi, case of tetanus of left lower extremity, early, i. 749, 782.
Pravaz needle, for localising important points on skin, v. 90.
syringe, for exploratory puncture in pleuro-pulmonary wounds, vi. 791.
Precautionary measures in syphilis, i. 670.
after cyanide of mercury injections, i. 663, 664.
after novarsenobenzol injections, i. 664, 665.
circulars on, i. 670, 672, 673, 679, 680, 681, 692.
in examination of patients, i. 540.
Prechancrous herpes, i. 558.
Precision method of localisation, v. 240.
Precocious tetanus, incubation period of, i. 783.
Predisposing causes, ii. 874.
Pregnancy, cholera and, i. 396.
maternal infection of syphilis and, i. 528, 529.
typhoid fever, and, i. 16.
Premonitory diarrhœa in cholera, i. 380.
treatment of, i. 404.
Preparatory treatment in fractures of mandible, iv. 675.
Pressure forceps, i. 654, 655.
Pressure, upward, resistance to, by artificial elbow, v. 469.
Previous histories in war deafness, v. 941.
Priezznitz compress in treatment of abdominal wounds, iii. 536.
Privat, J. and Belot, J., appliance of, ii. 342.
Prodromic period of mental confusions, vi. 461.
Proflavine, preparation of, iv. 83.
Prognosis, in severe nerve lesions, ii. 300.
Projectile, carrying clothing particles, iv. 1.
direction of, in relation to orbital injuries, iv. 813–814.
indirect lesions caused by, iv. 905.
relation of, to visual disorders, iv. 1016.
Projectiles, extraction of, from brain, iii. 858.
Projectiles in abdomen and abdominal cavity, v. 264, 343, 346.
anatomical localisation of, v. 249.
anatomical situation of, v. 279.
Projectiles, artillery, description of, v. 137, 139.
description of action of, v. 139
effects of, v. 140.
general action of, v. 137.
grenades, v. 139.
modification in, v. 137.
shells, v. 137, 139.
in the arm, v. 269, 351.
in axilla, v. 350.
Projectiles in buttocks, v. 351.
characteristics of, determined by principal diameter, v. 61.
complications associated with, abscesses, v. 353.
splinters, v. 355.
definition and characteristics of, v. 358.
in carotid region, v. 335.
in diaphragm, v. 261, 342.
effects of, artillery, v. 140.
cased bullets, v. 132.
fired base foremost, v. 133.
from small projectiles, general, v. 134.
from surgical standpoint, v. 129.
in elbow, v. 269, 351.
electrical detection of, induction balance and its derivatives, v. 364.
extraction of, from abdomen, v. 343.
from abdominal cavity, v. 346.
with aid of intermittent control, v. 302.
advantages of this method, v. 322.
conditions unfavorable to, v. 277, 280.
contra-indications to, v. 276.
danger of, v. 276.
criticisms on, v. 324.
difficult cases of, v. 321.
inherent dangers as regards absorption of rays, v. 317.
lighting in, v. 306.
locality for, v. 305.
necessary radiological instruments, v. 303.
the point, v. 310.
preparation of patient, v. 307.
preparation of region, v. 308.
preparation of room, v. 308.
second control, v. 316.
statistics on, v. 324.
from arm, v. 351.
from axilla, v. 350.
from buttocks, v. 351.

Projectiles in buttocks, danger of, from carotid region, v. 335.
from diaphragm, v. 342.
from elbows, v. 351.
from eyeball, v. 333.
from foot, v. 351.
formula for, v. 280.
Projectiles, extraction of, from hand, v. 351.
from head and neck, v. 328.
from heart, v. 342.
from hip, v. 351.
from iliac fossa, internal, v. 346.
from intracranial regions, v. 325.
from intrapulmonary regions, v. 336.
from intraspinal regions, dorsal and lumbar, v. 349.
from ischio-rectal fossæ, v. 350.
from knee, v. 351.
from leg, v. 351.
from limbs, v. 350.
from liver, v. 343.
from maxillary-pharyngeal region, v. 335.
from mediastinum, v. 341.
necessary radiological instruments, v. 303.
from neck, v. 328.
from nerves, v. 352.
from orbit, v. 333.
from perineum, v. 350.
historical review on, v. 295.
indications for, according to region of body, v. 327.
"the point," v. 310.
precautions, v. 317, 318.
processes of, v. 284.
operative damage from, v. 277.
operative results of, v. 355.
by anatomical localisation, v. 285.
chance, v. 284.
compared, v. 322.
continuous electro-magnets, v. 360.
in the dark, v. 300.
Grashey's, v. 295.
in red light, v. 501.
Mauclaire's, v. 300.
Mouchet's, v. 302.
needle process, v. 285.
of certainty, v. 295.
of Rechou, v. 300.
of Wullyamoz, v. 297.
Petit's, v. 302.
precision, v. 287.
Projectiles, extraction of, operative results of, two images in perpendicular plane, v. 284.
under the screen, v. 295.
with aid of intermittent control, v. 302.
with aid of intermittent control of screen, v. 307.
with a compass, v. 287.
from pterygoid and maxillary-pharyngeal regions, v. 335.
from sacrum, v. 349.
from sub-scapular region, v. 350.
from spine, v. 348.
from thigh, v. 351.
from thorax, v. 336.
from vessels, v. 352.
regions to be avoided, v. 328.
route of access, according to region of body, v. 327.
second control, v. 316.
statistics, v. 324.
under screen, v. 295.
fictitious, due to abnormal bony growths, v. 120.
due to articles of clothing, v. 118.
due to bony abnormalities, v. 124.
due to dental devices, v. 119.
due to "fillings" of bony cavities with iodoform, v. 120.
due to incompetence of radiologist, v. 117.
due to iodoform, v. 118.
in lower limb, v. 124.
due to medicaments of high atomic weight, v. 119.
due to metal bodies introduced into the organism by the surgeon, v. 120.
due to multiple calcified glands, v. 121.
in neck and in lumbar vertebræ, v. 123.
due to pathological concretions, v. 121.
due to photographic imperfections, v. 117.
in region of lung, v. 121.
in shoulder, v. 124.
in skull, v. 123.
in thorax, v. 124.
in eye and eyeball, v. 253, 333.
in face, v. 253.
in foot, v. 271, 351.
in forearm, v. 269, 351.
in head, v. 251.
in heart, v. 258, 342.

Projectiles, in hip, v. 270, 351.
in iliac fossa, v. 346.
infantry, v. 129.
bullets, cased, v. 132.
length of, v. 131.
weight of, v. 121.
course traversed by, contusion zone, v. 134.
Projectiles, infantry, course traversed by, perforation zone, v. 134.
zone of typical explosive effects, v. 133.
effects of, general, v. 134.
of machine guns, v. 136.
movements of, abnormal, v. 131.
propulsive, v. 131.
rotary, v. 131.
for practising purposes, v. 136.
shapes of, v. 130.
table of characteristics of rifle bullets of principal powers, v. 134, 135.
intracranial, v. 328.
intrapulmonary, v. 336.
in ischio-rectal fossæ, v. 350.
in joints, v. 272.
in knee, v. 271, 351.
in leg, v. 271, 351.
in limbs, v. 267, 350.
in liver, v. 343.
localisation of, anatomical, v. *See* Localisation, anatomical.
bibliography for, v. 172.
by dimensions of its shadow, v. 156.
by double image, advantages of, v. 173.
Allaire radioscopic marker, v. 190.
Haret process, v. 188.
Jaugeas process, v. 190.
Londe process, v. 192.
practise in, on fictitious foreign bodies, v. 175.
radioscopic methods, v. 175.
including measurement of displacement of shadow, v. 184.
using displacement of shadow without measuring it, v. 177.
screen methods based on, v. 174.
choice of methods, v. 230.
compass, v. 166.
Belot, v. 167.
Cadenat apparatus, v. 170.
Debierne, v. 167.
Projectiles, localisation of, choice of methods, Hirtz, v. 214.
Saissi, v. 170.
sector-guide of Grandgérard, v. 169.
forceps method of, Belot's, v. 158.
general considerations of, v. 151.
general theory of methods of, v. 142.
according to intersecting axes, v. 157.
according to Johnson, Hernaman, v. 160.
by images on a single plane, v. 65.
historical survey of, v. 153.
images in various planes, v. 65.
importance of choosing a rapid convenient method for, v. 156.
maintaining same incidence in relation to plane of projection, v. 48.
Menuet process, v. 161.
necessity of having images in two directions at right angles, v. 64.
by non-radiological methods, v. 358.
electric explorers and detectors, v. 370.
electrical, v. 364.
magnetism, v. 359.
principal aim of, v. 156.
radiographic, v. 207.
Aubourg operation indicator, v. 226.
Belot method, v. 212.
Bertin Sans and Leenhardt process, v. 212.
Buguet and Gascard process, v. 208.
Colardeau process, v. 209.
compass for, v. 214.
Contremoulins and Remy process, v. 209.
Mackenzie-Davidson and Hedley process, v. 208.
Marion-Danion marker, v. 224.
by means of a tube with a double anticathode, v. 226.
Mergier, v. 209.
Mergier process, by means of tube with double anticathode, v. 228.
radiography and radioscopy compared, v. 154.

Projectiles, radiological forms, v. 234.
radioscopic examination, v. 102.
Barret and Andrault process, v. 205.
Projectiles, localisation of, radioscopic, localiser - guide of Gudin, v. 197.
by radio-steroscopy, v. 239.
precision method, v. 240.
by stereometry, v. 240.
Mazérès rule and its simplification of the calculation, v. 202.
particular cases of triangulation, v. 202.
Pierre process, v. 204.
radio-bathymeter of Dessane, v. 197.
Roussell process, v. 203.
skiameter of Viallet and Dauviller, v. 194.
Strohl and Mary Mercier processes, v. 204.
radioscopic methods advocated, v. 156.
superfluity of methods of, v. 152.
variety of methods for, v. 155.
Vergely method, v. 164.
in mediastinum, v. 341.
in neck, v. 254, 328.
in nerves, v. 352.
in pelvis, v. 267, 348, 350.
in pericardium, v. 258.
in pyterygoid region, v. 335.
in serous membranes, v. 272.
in shoulder, v. 267.
pulmonary, v. 336.
pulsatory, v. 257.
radio-diagnosis of, and point of issue of normal ray, v. 36, 57.
located in regions distant from wounds of entry, v. 101.
magnetic, search for, by alternating or vibrating electro-magnets, v. 361.
by continuous electro-magnets, v. 359.
migration of, v. 271.
in brain, v. 271.
in serous membranes and joints, v. 272.
mobile, v. 291.
mutilating power of, measurement of, v. 129.
nature of, importance of knowledge of, v. 128.
Projectiles, shape of, v. 141.
shape and nature of, in X-ray plates, v. 114.
Projectiles, no emotional reaction peculiar to projectiles, ii. 437.
reflex disorders caused by, ii. 517.
Projectiles, size of, found in wounded, classification of, v. 140.
in skull, v. 251.
in spine, v. 265, 348.
in sub-scapular region, v. 350.
in the wrist, v. 351.
in thigh, v. 270, 351.
in thorax, v. 254, 336, 351.
in trachea, v. 258.
undiscovered, v. 100.
in vessels, v. 352.
surgical route of access, v. 280.
visibility of, on screen, v. 105.
depending on apparatus, v. 105.
depending on nature of bodies looked for, v. 107.
depending on operator, v. 109.
Projection, laws of, v. 46 *et seq.*
plane of, v. 48.
orthogonal, v. 61.
Projections and the normal ray, v. 46 *et seq.*
Prolonged typhoid fever, i. 10.
Pronation and supination in fractures of forearm, iv. 440.
Pronation, automatic, ii. 44.
loss or limitation of movements of, vi. 235.
Pronator muscles, fibres for, ii. 353, 357.
radii teres, the, ii. 52.
teres, filaments from upper branch to, ii. 398.
the, paralysis of, ii. 57.
Prospection, examination by, ii. 427.
Prosthesis after mandibular fracture, iv. 670.
Prosthetic appliances, ii. 329, 331 *et seq.*
Meige on, ii. 328.
Prosthetic methods, applied after fractures of orbit, with loss of substance, iv. 1006 *et seq.*
repeated operations necessary for success, iv. 1010.
Prostitutes and chancre, i. 695.
and treatment, i. 694, 695, 696, 697, 700.
clandestine, and public register, i. 702.
registered and supervision, i. 701, 702, 703.

Prostration and its causes, i. 59.
Proteolytic phenomena, results of, iv. 335.
Proto-iodide of mercury cachets, i. 597.
Protopathic sensibility, ii. 253, 258.
Protovertebræ, absence of in cranium, iv. 793.
Provocative agents, ii. 412.
Pruriginous cutaneous lesions, i. 584.
Pseudarthrosis, iv. 307, 399.
lateral, iv. 714 *et seq.*
not caused by esquillectomy, iv. 322.
of jaw, iv. 650 *et seq.*
treatment of, iv. 710 *et seq.*
of ramus of jaw, not affecting, mastication, iv. 709.
with loss of substance, mechanism for, iv. 724–726.
Pseudarthrosis, due to defects of bony union, v. 547.
indications for treatment in, bone by bone, v. 568.
of femur, v. 573.
of forearm, v. 572.
of humerus, v. 570.
of leg, v. 574.
of radius and ulna, v. 573.
of tibia, v. 574.
Pseudoarthrosis, flail, of leg, indications for operation in, vi. 454.
of bones of forearm, prognosis in, vi. 449.
of fibula, prognosis in, vi. 451.
of humerus, indications for treatment in, vi. 447.
of radius, prognosis in, vi. 449.
of shaft of forearm, prognosis in, vi. 449.
of shoulder, vi. 253.
of tibia, prognosis in, vi. 451.
of ulna, prognosis in, vi. 449.
Pseudo-chancre and arsenobenzol, i. 566, 567.
Pseudo-continuity of nerve, ii. 246, 313.
Pseudomeningitis in shell-shock, vi. 521.
Pseudo-neuroma, lateral, ii. 247.
of attrition, ii. 238, 240, 314.
Pierre Marie and Foix on, ii. 242.
Pseudoscopic stereoscopes, v. 238.
Pseudo-spondylitis, ii. 735.
Pseudo-tetanic symptoms in wounded, i. 798.
Psychasthenia, fear as an obsession in, vi. 593.
as a type of neurosis, vi. 593.
Psychiatric experts, military, functions of, vi. 610.
responsibilities of, vi. 613.
Psychiatrical and neurological centres, organisation of in the army, vi. 644.
Psychic disorders in deep chronic abscess of brain, iii. 748.
resistance undermined by shell-shock, ii. 866.
Psychical and organic affections, differential diagnosis of, ii. 726.
disorders, ii. 831.
diagnosis of, ii. 841.
in cases of cerebral concussion, ii. 844.
process of suggestion, ii. 431.
Psychical disturbances in typhoid fever, i. 60.
Psychical epilepsy, vi. 589.
Psycho-analysis in shell-shock, ii. 869.
Psychomotor complaints, ii. 713 *et seq.*
Psychoneuropathic contractures, ii. (*See* hysterical contractures.)
and reflex contractures, differential diagnosis between, ii. 525.
states, ii. 450.
Psychoneuroses, ii. 831 *et seq.*
and military decisions, ii. 884.
environment in, ii. 877.
exciting causes, ii. 867, 870.
of war, treatment of, ii. 872.
not cause for discharge from army, ii. 635.
persuasive conversation in, ii. 878.
Psychoneurotic symptoms, meditation phase in, ii. 715.
motor symptoms, etiology of, ii. 714.
Psychopathic patient, the, ii. 875.
Psychopathic state, meaning of, vi. 359.
Psychoses aggravated by war, ii. 832.
caused by war, ii. 832.
hystero-emotional, ii. 840.
Psychoses, hysterical, meaning of term, vi. 591.
Psychosis, acute hallucinatory, vi. 477.
alcoholic, vi. 555.
emotional, vi. 555.
maniacal depressive, vi. 542.

Psychosis in malaria, i. 993.
Psychotherapeutic measures in physiopathic affections, ii. 381, 382.
Psychotherapy, ii. 445.
in treatment of hysteria disorders, ii. 417, 421.
Psychotherapy in treatment of contractures of foot, vi. 368.
Pterygoid region, projectiles in, v. 335.
Ptosis, hysterical, i. 740.
Pudental plexus, ii. 192.
Pudic nerve, ii. 196.
lesion of, ii. 206.
Puerperal fever, simulatory symptoms of, i. 104.
Pulmonary collapse, in wounds of lung, vi. 701.
hætoma, as result of pleuro-pulmonary wounds, vi. 754.
lesions, effect of hæmorrhage on, vi. 689.
lesions in in-and-out wounds, vi. 691.
in pleuro-pulmonary wounds, vi. 685.
Pulmonary complications in cholera, i. 393.
broncho-pneumonia, i. 393.
pneumonia, i. 393.
in paratyphoid fever, i. 89.
in typhoid fever, i. 146, 183.
diseases, typhoid fever and, i. 19.
gangrene, i. 40.
œdema, i. 39.
signs in paratyphoid, i. 84.
Pulmonary injuries accompanying shoulder wounds, iv. 112.
Pulmonary lesions in through-and-through wounds, vi. 690.
treatment of, vi. 808.
sequelæ, types of, in pleuro-pulmonary wounds, vi. 878.
splenisation, in wounds of lung, vi. 704.
tuberculosis, as a sequela of pleuro-pulmonary wounds, vi. 880.
wounds, simple, vi. 688.
Pulmonary syndromes in second phase of primary paludism in malaria, i. 985.
bronchitis with pleuro-pulmonary congestion in, i. 986.
mild form of, i. 986.
pneumonia of apex in, i. 986–987.
pulmonary apoplexy in, i. 987.
Pulsatory projectiles, v. 257.
Pulse, and temperature in typhoid and paratyphoid, i. 49, 86, 89.
in typhoid fever, i. 49.
dicrotic, i. 51.
relation of temperature to, i. 57.
irregularities of, i. 51.
relations between temperature and, i. 57.
Punctiform wounds, iv. 278.
Puncture, exploratory, in pleuro-pulmonary wounds, method of, vi. 752.
in pleuro-pulmonary wounds, value of, vi. 752.
Puncture, lumbar, i. 633, 634.
Punctured wounds of blood vessels, iii. See Blood vessels.
Pupillary disorders in cephalic tetanus complicated by ophthalmoplegia, i. 734.
Pupillary tests in wounds of brain, iii. 582.
Purgatives, saline, in cholera examination, i. 446.
and laxatives in typhoid, i. 142.
in dysentery, i. 329.
Purpura, i. 78.
Pustular syphilides, i. 679.
Pyæmia, simulatory symptoms of, i. 104.
Pyoculture method, Delbet's, iv. 36.
Pyramidal tract, lesion of, ii. 728.
Pyramidalis, the, nerve to, ii. 197.
Pyramidon in typhoid fever, i. 140.
Pyrethrum powder, value of, fly-destruction, i. 241.
Pyrexia, with hæmothorax, etiology of, vi. 795.
treatment in, vi. 796.

Quadriceps femoris, ii. 199.
lesion of nerve of, ii. 204.
Quartan fever in malaria, i. 1008.
Quénu on Chevassu's report on abstention methods in abdominal wounds, iii. 324.
on laparotomy, iii. 310–315, 316, 326.
on treatment of wounds of abdomen, iii. 399.
Queyrat, i. 543.
Quinine amaurosis in second phase of primary paludism, i. 994.
deafness, i. 997.
in chronic dysentery, i. 332.

Quinine amaurosis in second phase of primary paludism, in hæmorrhagic anæmia, of second attacks in primary paludism i. 971.
in treatment of malaria, i. 939, 941, 1035.
in primary paludism in first invasion, i. 1036.
mode of administration of, i. 1037.
by ingestion, i. 1037.
by intramuscular and subcutaneous injections, i. 1038.
choice of solutions in, i. 1038.
technique of injection of, i. 1039.
time of administration of, i. 1041.
Quinine, in treatment of malaria, in primary paludism in second attacks, i. 1043.
summary of treatment in, i. 1049.
suspension of, in intervals, i. 1047.
repair of body during, i. 1048.
use of, in relapses, i. 1043.
in quotidian fever, i. 1046.
in remittent continued fever, i. 1044.
in low fever, i. 1044.
in pernicious attacks, i. 1044.
in severe attacks, i. 1044.
in secondary paludism, i. 1049.
in ague fits, i. 1049.
administration of quinine in, by ingestion, i. 1050.
by intramuscular and subcutaneous injection, i. 1050.
in intervals, i. 1051.
Carducci's method of, i. 1051.
Italian sterilising method of, i. 1052.
Job's method of, i. 1051.
Ravaut's method of, by addition of cocadylate of soda and adrenaline, i. 1052.
in typhoid fever, i. 140, 226.
with adrenaline in case of malaria with syndrome of acute cachexia, i. 985.
Quotidian intermittent fever in first phase of primary paludism, i. 958.
in second attacks of primary paludism, i. 965.
in secondary paludism in, malaria. i. 1010.
quinine, treatment of, i. 1046.

Race, compromise of, in syphilis, i 523.
Racial susceptibility to typhoid fever, i. 170.
Radial artery, lesions of, ii. 217.
muscles, contractions of, ii. 280.
nerve, injury to: sensibility and, ii. 251.
pulse, examination of, ii. 210.
wounds of, iii. 220.
Radial reflex, lower, in wounds of brain, iii. 571.
Radiating fractures, iv. 808–810, 812.
with loss of sight, iv. 864.
Radiation, not usual in injuries of orbital cavity, iv. 806.
secondary, v. 41.
Radicular paralysis of right lumbar plexus, ii. 202.
Radio-bathymeter of Dessane, v. 197, 231.
Radiochromism, v. 27.
Radiochromometer, v. 26.
a radiograph of, v. 28.
formation of, v. 27.
power of penetration of radiation emitted by a tube not absolutely expressed by, v. 28.
theoretical considerations for use of, v. 26.
Radiodermatitis, v. 318.
Radio-diagnosis of projectiles, point of issue of normal ray, v. 56, 57.
Radiogoniometer, Guilleminot's, v. 203.
Radiographic apparatus, v. 68.
accessory material, for localising important points on skin, v. 89.
various, v. 91.
viewing vox, v. 88.
for conducting examination, v. 75.
cryptoscope, v. 82.
screen, v. 82.
standing up and lying down, v. 76.
tube stand, v. 76.
X-ray surgical table, v. 79.

Radiographic apparatus, for conducting examination, X-ray table, v. 76.
installations, v. 68.
portable, v. 70.
shields and tube holders, v. 74.
tubes, v. 73.
Radiographic appliances, v. 87.
Radiographic examination, v. 112.
necessity of written interpretation, v. 125.
result of, and written interpretation, v. 125.
Radiographic processes of localisation, v. 207.
advantages of radioscopic processes over, v. 222.
as compared with radioscopic, v 222.
Auvourg operation indicator, v 226.
Belot method, v. 212.
Bertin Sans and Leenhardt, v. 212.
Buguet and Gascard, v. 208.
by means of a tube with a double anticathode, v. 226.
choice of methods, v. 230.
Colardeau process, v. 209.
compass for, v. 214.
Contremoulins and Remy process, v. 209.
Hirtz, v. 214.
reading of plate, v. 216.
regulation of, v. 218.
Mackenzie-Davidson and Hedley, v. 208.
Marion-Danion marker, v. 224.
Mergier process, v. 228.
Mergier, v. 209.
study of traumatic osteomyelitis, v. 619.
technique, v. 113.
Radiographs, definition of, v. 34.
examination of, v. 35.
interpretation of, v. 35.
rules for, v. 35.
Radiography, v. 34.
and intensifying screens, v. 40.
appearance of osteomyelitis under, v. 589.
compared with radioscopy, v. 154.
in diagnosis of auriculo-mastoid wounds, v. 874.
indications for, v. 44.
instantaneous, v. 41.
rapid, v. 41.
slow, v. 41.
Radiography, time of exposure in, v. 38.
use of, in defects of bony union, v. 557, 558.
use of diaphragms in, v. 43.
very rapid, v. 41.
Radiography, in case-record, iv. 816. 825–826, 830, 835–841, 843, 846, 849, 857, 900, 926, 932, 939, 943, 945, 947–948, 950, 954, 956, 963, 965, 967–968.
in cranial fractures, iv. 805–806.
use of, in mandibular fracture, iv. 642 *et seq.*
small value of, in fractures of the orbital vault, iv. 972.
Radiography in wounds of bladder, iii. 519.
in wounds of brain, iii. 588, 598.
Radiological localisation forms, v. 234.
specimen of, v. 234.
Radiology, steorescopic reproduction in, v. 235.
visual function in, v. 31.
luminous sensitiveness, v. 31.
visual sensitiveness, v. 33.
war, maintaining same incidence in relation to plane of projection, v. 48.
Radio-profundometer, Réchou's, v. 161.
Radioscopic apparatus for direct reading, v. 203.
deductions useful in, v. 143.
examination, v. 102.
factors in favour of, v. 155.
for foreign bodies, v. 102.
prejudice against, and reasons for, v. 103.
result of, and written interpretation, v. 125.
visibility of projectiles on screen, v. 105.
depending on apparatus, v. 105.
depending on nature of bodies looked for, v. 107.
depending on operator, v. 109.
Radioscopic marker, v. 190.
Radioscopic methods of localisation, advantages of, over radiographic, v. 222.
Barret and Andrault process, v. 205.
choice of methods, v. 230.
by double image, v. 175.
knife process, v. 177
Le Faguays process, v. 178.
localiser-guide of Gudin, v. 197.

Radioscopic methods of localisation, using displacement of shadow without measuring it, v. 177.
Mazéres rule and its simplification of the calculation, v. 192.
including measurement of displacement of shadow, 184
Allaire radioscopic marker, v. 190.
displacement of tube, v. 187.
distance from anticathode to screen, v. 186.
Haret process, v. 188.
Jaugeas process, v. 190.
Londe process, v. 192.
Morin and Le Marechal, process and apparatus of, v. 179.
pierced screen of Hirtz and Gallot, v. 182.
radio-bathymeter of Dessane, v. 197.
skiameter of Viallet and Dauvillier, v. 194.
particular cases of triangulation, v. 202.
Roussel process, v. 203.
Pierre process, v. 204.
Strohl and Mary Mercier processes, v. 204.
receptivity, v. 296.
technique, v. 110.
visibility, v. 105. 155 *et seq.*
Radioscopy, accuracy of, v. 154.
advantages of, over radiography, v. 174.
and radiography, v. 44, 153.
compared with radiography, 154.
dangers to the operator, v. 154.
Debierne method of localising foreign bodies, v. 162.
explanation of, v. 29.
in diagnosis of auriculo-mastoid wounds, 874.
historical survey of, v. 153.
indications for, v. 44.
Menuet process of localising foreign bodies, v. 161.
objections against, v. 154.
starting point of, v. 29.
use of, gaining ground over radiography, v. 154.
Vergely method of localising foreign bodies, v. 164.
See also X-ray.
Radioscopy in wounds of the abdomen, iii. 470.
localisation ofprojectiles by, iii. 473.
Radiostereometer, Tauleigne-Mazo's, v. 241.
Radio-stereoscopy, v. 235 *et seq.*
cross-wire method, v. 244.
double anticathodal tube applied in, v. 245.
difficulties of, v. 247.
water-cooled, which can be placed under radiological table, v. 248.
history of, v. 235.
in search for and extraction of projectiles, v. 239.
instruments used in, instantaneous metrical gauge, v. 242.
radiostereometer, Tauleigne-Mazo's, v. 241.
stereometer, v. 241.
stereoradiographic scale, v. 242.
stereoscopes, v. 237, 238.
stereothesimeter, v. 242.
obtaining of contrast in, v. 238.
precision method of localisation by, v. 240.
principles of, v. 244.
problem of, v. 236.
process of, v. 237.
utilisation of, v. 243.
Radio-surgery, conducting of, in absence of competent radiologists, v. 85.
lights used in, v. 86.
Radio-surgical apparatus, portable, v. 70.
Radiotherapy, ii. 327.
in painful lesions of median nerve, ii. 79.
Radium therapy in cicatrices of brain, iii. 853.
Radius and ulna, results of malunion of, vi. 426.
loss of lower extremity of, prognosis in, vi. 450.
pseudo-arthrosis of, prognosis in, vi. 449.
Radius, fracture of, iv. 465 *et seq.*
Radius, mal-united fractures of, resulting in limitation of range of supination, v. 759.
Railway brain, ii. 449.
spine, ii. 449.
Raimiste's sign, inorganic hemiplegia, ii. 599.
Rake, Tripier's, description and use of, vi. 13.
Ranvier's phenomenon, ii. 236.
Rarefaction, associated with osteomyelitis, v. 582.

Rarefaction, inflammatory, existence and position of patches of, vi. 221.
Ratchet, to fix elbow joint in flexed position, v. 513.
Rauzier and Estor, case of late-appearing tetanus of right lower extremity, i. 769, 782.
Ravaut, i. 551, 578, 580, 586, 617, 628, 634, 639.
and Schlikevitch, i. 640.
Ravaut's method of quinine administration in the intervals in secondary paludism in malaria, i. 1052.
Ray, normal, definition of, v. 48, 49.
importance of, in X-ray interpretation, v. 55.
point of issue of, v. 56.
Raynaud's disease in second phase of primary paludism in malaria, i. 987.
Reaction, by stimulation, ii. 267.
longitudinal, ii. 267.
of degeneration, ii. 19.
appearance of, ii. 268.
characteristics of, ii. 266.
complete, ii. 291.
evolution of, ii. 268.
qualitative defects, ii. 269.
Reaction, Herxheimer's, i. 620, 635.
Wassermann, i. 524, 529, 554, 555, 556, 563, 565, 572, 573, 581, 590, 622.
Reaction, latent faradic, vi. 81.
longitudinal, vi. 63, 64, 65.
of compression (Rich's), vi. 66. *See also* Richard Giegel's reaction, vi. 85.
of conductivity, vi. 125.
of cooling, vi. 78.
of degeneration, vi. 61, 72. *See also* Remak's faradic reaction of degeneration.
clinical significance of, vi. 91.
diagnostic significance of, vi. 91.
differentiation between partial and complete, vi. 133.
evolution of, vi. 83.
faradic, vi. 83.
intermediate states between the complete and partial, vi. 81.
partial, vi. 75.
remote, vi. 64, 102.
significance of, in prognosis, vi. 94.
theory of the elementary reactions in, vi. 96.
Reaction, of degeneration, traces of, vi. 75.
of exhaustion, vi. 163.
of inversion, vi. 126.
paradoxical, vi. 183.
Reactionary hæmorrhage in extensive wounds of blood vessels, iii. 28.
precariousness of spontaneous hæmostasis in, iii. 28.
Reactions, abnormal electrical, vi. 52.
vestibular, vi. 191.
electrical, distribution of, vi. 27.
elementary abnormal, vi. 52.
elementary, grouping of, vi. 67.
normal, vi. 67.
normal vestibular, vi. 190.
of exposed nerve, vi. 131.
vestibular, in head injuries, concussion, and after trephining, vi. 194.
Reactions, humoral, in typhoid infections, i. 118 *et seq.*
Reagents, in typhoid, i. 72.
Réchou's fluoroscope, v. 83.
Réchou's radio-profundometer, v. 161.
Reclus on laparotomy, iii. 271, 272.
Recovery, ii. 119, 186, 187.
"formication of," ii. 255, 256.
syndromes of, ii. 284, 295.
Recovery of function, essentials for, iv. 22.
Recrudescence of infection, v. 549, 598.
of primary infection, v. 541.
osteotomy for, v. 549.
Recrudescences in typhoid, i. 10, 23.
Rectal enemata in typhoid, i. 138.
instillations in typhoid, i. 138.
Rectal injection, "drop by drop," in treatment of abdominal wounds, iii. 534.
Recto-sigmoidoscope in dysentery, i. 330.
Rectum, mercurial medication per, i. 594, 599.
Rectum, treatment of lesions of, iii. 519.
wounds of, healing spontaneously, iii. 353.
not healing spontaneously, iii. 366.
Rectus, ii. 195.
capitis anticus major, ii. 126.
minor, ii. 126.
lateralis, ii. 126.

Recurrent fever associated with malaria, i. 1017.
in typhoid, i. 232.
Recurrent syphilitic chancre, i. 567.
Red blood cell count, in reflex disorders, ii. 535.
perception of, normal in hysteria, ii. 412.
Reduction, forcible, iv. 355.
gradual, iv. 356.
Reed-blind material, iv. 569.
Reëducation, advantages of using temporary limb in, v. 531.
of amputation cases, v. 145.
choice of trade in, v. 532, 534, 535.
for deafness, v. 913.
Reëducation, discreet, for hysteropithiatism, v. 933.
general principles in, v. 525.
good-will of patient a necessity in, v. 527.
intelligence and will as factors in, v. 533.
law as affecting, v. 528.
necessity of, v. 526.
partial resumption of work, v. 528, 529.
no connection with pension, v. 528.
possibilities of, v. 523.
special workshops for, v. 530.
Reëducation in psychoneuroses, ii. 881.
of patients for work, after nerve lesions, ii. 152, 348, 349.
Reflex action, hypothesis of (Francois-Franck), ii. 576.
musculo-motor(Vulpian), ii. 568.
adduction of the foot, ii. 12.
amyotrophies, ii. 370.
and hysterical disorders, association, ii. 618.
phenomena, confusion between, ii. 499.
contracture, ii. 466.
and paralysis, data, ii. 609, 610.
characteristics, ii. 610, 614, 616.
angle of flexion, ii. 521.
examination made under chloroform, ii. 503.
fundamental characteristic of, ii. 500.
resistent to psychotherapy, ii. 749.
disorders, ii. 360 *et seq.*, 490, 568.
addenda relating to, ii. 710.
analogy to tetany, ii. 586.
clinical forms of, ii. 518.
Reflex action, disorders, conclusions of Neurological Society regarding, ii. 511.
described by Vulpian and Charcot, ii. 492.
difficulty of interpretation, ii. 657, 658.
effects of hot-water immersion, ii. 539.
evolution of medical doctrine, ii. 496.
grave prognosis (Gongerot and Charpentier), ii. 511.
hæmoglobin alteration in, ii. 535.
in relation to organic paralysis, ii. 515.
literature prior to the War, ii. 702.
literature published since the beginning of the War, ii. 702.
lower limb contractures and paralysis, ii. 518 *et seq.*
manifestations, ii. 512.
meaning which Charcot and Vulpian gave to the term, ii. 495.
mechanical hyperexcitability of muscles in, ii. 536 *et seq.*
often misinterpreted, ii. 505.
paralysis, ii. 496.
and reflex trophic disorders, ii. 511.
from organic, diagnosis of, ii. 608.
pathogeny, arguments in favor of, ii. 510, 566.
Charcot and Vulpian on, ii. 566, 567.
profound thermal disturbance in, ii. 535.
records of experiments, ii. 544, 552.
red blood cell count in, ii. 535.
relative frequency in wounded men of, ii. 513.
secretory disturbances, ii. 562.
slow change in, ii. 565.
so-called, ii. 498.
sensory disturbances in, ii. 560 *et seq.*
severe, reëducation useless, ii. 585.
slow course of, ii. 565.
symptomatology of, ii. 517 *et seq.*, 588.
summary of observations, ii. 659.
systolic and diastolic pressure in, ii. 530, 533.

Reflex action, disorders, Tinel on, ii. 512.
treatment of, ii. 636.
upper limb contractures and paralyses, ii. 522 *et seq.*
of facia lata, ii. 12.
paralysis, ii. 361.
and hysterical paralysis, differentiation, ii. 614.
and Volkman's ischemic paralysis, ii. 611.
Reflex, galvano-psychical, vi. 179, 180.
paralyses, vi. 155.
Reflexes, ii. 10, 11, 63, 99, 119, 132, 169, 176, 185, 189.
exact scale of differences, ii. 414.
in hysteria, state of, ii. 471.
in psychoneurotic paralyses, ii. 717, 718.
tendon, exaggeration of, ii. 499.
unmodified in hysteria, ii. 471.
upper extremity, tendon, ii. 10.
osteo-periosteal, ii. 10.
Reflexes in wounds of brain, iii. 570.
clonus, iii. 574.
ankle, iii. 574.
patellar, iii. 575.
cutaneous and mucous, iii. 572.
abdominal, iii. 573.
adduction of foot, iii. 572.
automatic spinal or defensive, iii. 574.
corneal, iii. 574.
cremasteric, iii. 573.
palate, iii. 573.
plantar, iii. 572.
of bones and tendons, iii. 570.
Achilles reflex, iii. 570.
forearm flexion or lower radial reflex, iii. 571.
in lower limbs, iii. 570.
in upper limbs, iii. 571.
patellar reflexes, iii. 570.
Jendrassik's method, iii. 571.
triceps brachialis reflex, iii. 571.
ulnar pronation reflex, iii. 571.
Refrigeration by cold air in typhoid fever, i. 38.
Refusal of treatment, v. 775.
Regeneration of nerves, order in which signs appear, ii. 299.
spontaneous, ii. 309.
the syndrome of, ii. 285.
Regeneration, period of, in paralytic club-foot, vi. 375.
Registered prostitutes and supervision, i. 700, 701, 702, 703.
Regulators for X-ray tubes, air, or Bauer, v. 17.
chemical, v. 16.
Villard's osmo-regulator, v. 17.
Relapses, in typhoid, i. 23.
Relapsing fever, differentiated from typhus, i. 469.
Remak, anomaly discovered by, vi. 60.
Remak's faradic reaction of degeneration, vi. 77.
galvanotonic contraction, vi. 21.
Remittent continued fever in second attacks in primary paludism, i. 962.
quinine treatment of, i. 1044.
algid form of, i. 1045.
comatose form of, i. 1045.
in low fever, i. 1044.
in pernicious attacks, i. 1044.
in severe attack, i. 1044.
Remlinger on "sign of the tongue" in typhus, i. 462.
Rémy and Contremoulins process of localisation, v. 209.
Renal typhoid, i. 69.
Renault, Alex., i. 597.
Renault's formula, i. 597, 598.
Repair of damage to orbital walls, iv. 997.
Repair of nerve lesions, ii. 231 *et seq.*
Reparative surgery of fractures of orbit, iv. 993 *et seq.*
Reports, medical, drawing up of, v. 939.
results of examination and preparation of, v. 1024.
"Reptilian jaw" deformity, iv. 636.
Resection, iv. 10, 12, 13, 17.
advantages of, iv. 138–147.
after treatment, iv. 156.
extensive, iv. 109.
indications for, iv. 26, 141.
of nerves of orbit, iv. 857.
of shoulder, iv. 109.
of elbow, iv. 138.
of wrist, iv. 179.
of hip, iv. 189.
of knee, iv. 212.
of ankle, iv. 240.
of foot, iv. 258.
sub-periosteal, iv. 15, 389.
of ankle, iv. 172.
supporting apparatus, after, iv. 32.
in shoulder wounds, iv. 106.
Resection, as remedy for mechanical disability of short leg, vi. 405.

Resection, joint, as an alternative to amputation, vi. 230.
comparison of, and functional results of ankylosis, vi. 228.
in true and complete ankylosis, vi. 219, 227.
Resection of nerve, division of opinions on, ii. 303, 304.
inadvisability of, ii. 299, 303.
partial, of nerve, ii. 305.
Resections, ii. 305, 306, 313.
Resistance in manufacture of secondary coils, vi. 3.
Respiratory disorders, ii. 620 *et seq.*, 820.
Respiratory system, in typhoid fever, i. 38.
Rest, in treatment of mental confusion, vi. 479.
Rest, necessity of, in inflammation, iv. 30.
period of, overdone, iv. 31.
Rest zone contaminations, i. 698.
Restoration, of bony structures, iv. *See* Grafts.
of mandibular arch, iv. 670.
Retarded congenital syphilis, i. 531.
Retention, biliary, i. 587.
Retention bridges, use of, iv. 693.
Retention of urine, associated with lesions of cauda equina, ii. 816.
hysterical, no true cases of, ii. 815.
transitory, ii. 816.
Retina, affections of, iv. 907.
detachment of the, iv. 828.
hæmorrhage, iv. 829.
lesions of the, iv. 853.
pure and mixed, iv. 906–907.
lesions, varieties, iv. 907.
total, iv. 926, 931, 962.
traumatic detachment of, iv. 915–917.
treatment of, iv. 829.
treatment of traumatic detachment, iv. 990–992.
Retina, double, iv. 832–833.
by contact lesion, iv. 834–835.
multiple traumatic lesions, iv. 846, 848, 900.
Retinal detachment, operation of choice on, iv. 991.
sensitiveness, variations of, v. 33.
Retinitis, proliferans, iv. 819, 824, 829–830, 901–903, 907–910.
proliferating, differentiation between, and choroido-retinitis, traumatic proliferating, iv. 915.
Retinitis, traumatic, iv. 915.
Retinitis, in syphilis, i. 587, 633.
Retractile scars, ii. 212.
Retrospection, ii. 427.
Reverser, functions of, vi. 7.
Revolver bullet, abdominal wounds by, iii. 335.
Reverchon in laparotomy, iii. 296.
in treatment of abdominal wounds, iii. 288.
Rhachialgias, ii. 788.
Rheobase, vi. 111.
Rheostat, use of, vi. 4.
Rheostats, types of, vi. 4.
Rheumatism in typhoid, acute articular, i. 102.
Rhomboideus muscle, ii. 124, 127, 131.
nerve to, ii. 126.
Rhythmic chores, ii. 410, 469.
Rib-resection, with thoracotomy, in infection of pleura, vi. 854.
in infection of pleura, after-treatment of, vi. 860.
in infection of pleura, technique of, vi. 854.
Ribs, fracture of, bone lesions in, vi. 684.
Rice-water vomit in cholera, i. 382.
Richard and Colardeau stereoscope, v. 239.
Richelot, case of tetanus in partial and generalized forms, i. 781.
Ricochet, abdominal wounds by, iii. 336.
Ricord, i. 544, 548, 557.
Ricord's pills, i. 596.
Rifle bullet, abdominal wounds by, iii. 332.
Rifles, principal characteristics of, v. 130.
Rigidity of jaw, versus occlusion of teeth, iv. 589–590.
of neck in brachial plexus lesions, ii. 152.
Ring pincers, v. 158.
Rinne's test, iii. 584.
for hearing, v. 959.
Ristitch, i. 563.
Risus sardonicus, i. 716, 720, 731.
Riva-Rocci and Vaquez, method of measuring systolic pressure, ii. 530, 531.
River water, cholera vibrios in, i. 431–434.
Rivers, W. H., "A Human Experiment in Nerve Division," ii. 251.

Roberts on laparotomy, iii. 280.
Robin, spring apparatus of, v. 735.
Rochard on laparotomy, iii. 270, 316.
Rocky Mountain spotted fever differentiated from typhus, i. 470.
Rocliffe, case of tetanus with ptosis and diploxia, i. 729, 733.
Rod for localisation of projectiles, v. 159.
Roentgenotherapy in cicatrices of brain, iii. 853.
Rogers, solution for venous transfusion in cholera, i. 407.
Rohmer on orbital fractures, iv. 786.
Rolandic area, wounds of, iii. 610.
anatomy of, iii. 610.
of central motor tract, iii. 613.
fasciculus geniculatus in, iii. 613.
pyramidal tract in, iii. 613.
of central sensory tract, iii. 613.
of Rolandic convolutions, iii. 610.
ascending frontal convolution, iii. 611.
ascending parietal convolution, iii. 611.
fissure of Rolando, iii. 610.
clinical aspects of, iii. 621.
in cortical cerebral paraplegia, iii. 628.
symptoms of, iii. 628.
spasmodic paraplegia with disorders of co-ordination of movement, iii. 629.
spasmodic paraplegia with retention of spinal automatism of walking, iii. 629.
wound in, iii. 628.
in facial paralysis of cortical origin, iii. 630.
symptoms of, iii. 630.
wound in, iii. 630.
in hemiplegia, iii. 631.
clinical varieties of, iii. 635.
symptoms of, iii. 632.
deep sensation in, iii. 634.
gait in, iii. 633.
pain sensation in, iii. 634.
paralysis in, iii. 633.
reflexes in, iii. 634.
sensibility disorders in, iii. 634.
stereognostic test in, iii. 634.
tactile sensation in, iii. 634.
trophic and vasomotor disturbances in, iii. 635.
wound in, iii. 631.
in monoplegias, iii. 621.
Rolandic area, wounds of, clinical aspects of, in monoplegias, brachial monoplegia, iii. 621.
motor disturbances in, iii. 623.
partial paralysis, iii. 624.
reflexes, iii. 624.
total paralysis, iii. 623.
sensory disturbances in, iii. 625.
symptoms of, iii. 621.
vasomotor and trophic disorders in, iii. 626.
crural monoplegia, iii. 627.
motor disturbances in, iii. 627.
reflexes in, iii. 627.
sensory disturbances in, iii. 627.
trophic disorders in, iii. 628.
wound in, iii. 621.
complications of, iii. 640.
course of, iii. 640.
in hemiplegias, iii. 640.
in monoplegias, iii. 640.
diagnosis of, iii. 637.
differential diagnosis between organic and functional hemiplegia in, iii. 637.
hysterical (functional) hemiplegia in, iii. 637.
organic hemiplegia in, iii. 638.
in face, iii. 638.
in lower limbs, iii. 638.
in thigh and trunk combined, iii. 639.
in upper limbs, iii. 638.
histology of, iii. 614.
physiology of, iii. 615.
of internal capsule, iii. 618.
motor tract in, iii. 618.
sensory tract in, iii. 618.
of motor zone, iii. 615.
of sensory zone, iii. 616.
site and the characteristics of wounds in, iii. 619.
clinical observation and, iii. 620.
hemiplegias in, iii. 620.
monoplegias in, iii. 619.
treatment of, iii. 641.
Rollet, i. 560, 561.
Rollet on orbital fractures, iv. 786.
Root innervation of trunk and extremities, ii. 144 *et seq.*
Rose, asthenic theory of origin of aphalic tetanus with ophthalmoplegia, i. 735.
Rose spots, lenticular, i. 76, 83, 93.

Roseola, i. 521, 573, 574, 639.
Fournier's urticarial, i. 574.
granular, macular, and papular, i. 574.
recurrent or delayed, i. 574, 575.
Rosette bodies, i. 940.
of plasmodium malariæ, i. 1031.
"Rotary contacts," v. 12.
Rotary transformer, v. 68.
Rotation of artificial arm, prevention of, v. 469.
Rotation of the foot, outward, ii. 501.
Rotation test, iii. 584.
for wounds of cerebellum, iii. 733.
Rouhier on laparotomy, iii. 326.
Rousseau, i. 506.
Roussel process of localisation, v. 203.
Roussy and Lhermite vasomotor disorders result of functional inactivity, ii. 648.
Routier, case of abnormal tetanus of left upper extremity, i. 755.
case of local tetanus in lower extremity, i. 788.
case of tetanus of left lower extremity, i. 758, 760.
case of tetanus of right lower extremity, i. 756, 758.
Routine in treatment of psychoneuroses, ii. 877.
Rouvillois on laparotomy, iii. 317.
Roux, v. 647.
Roux and Vaillard, antitetanic serum produced by, i. 821.
investigations on antitetanic serum, i. 853, 854.
Rubbings, in syphilis, i. 594.
Ruffini's work on fibrillæ, ii. 83, 86.
Rugins, of Ollier, iv. 23, 346.
use of, iv. 345.
Rule, Mazérès, v. 192.
Rumpf's sign in hysterical hemiplegia, ii. 721.
Rupture, hæmorrhage and, i. 74.
Ruptures of sclerotic, not seen in war, iv. 1017.
Rural contamination in typhoid, i. 206.
Rural vs. urban susceptibility to typhoid infection, i. 170.
Russia, epidemic of cholera at, i. 414, 434.
epidemic of typhus in, i. 479.
vaccination against cholera in, i. 450.
Russo-Japanese War, dysentery in, i. 341.
laparotomy of, iii. 282.
typhoid in, i. 162.
Russo-Turkish War, dysentery in, i. 340.
typhoid in, i. 161, 207.
typhus in, i. 477, 482.

Sabre, abdominal wounds of, iii. 331.
Sacral plexus, ii. 196.
anterior branches, ii. 197.
posterior branches, ii. 197.
Sagnac, M., v. 42.
Sainton, procedure for carbolic acid treatment of tetanus, i. 881.
Saïssi compass, v. 170, 294.
Salicylarsenate of mercury, in syphilis, i. 612.
Salicylate of mercury, in syphilis, i. 603.
Saline purgatives in cholera examination, i. 446.
in dysentery, i. 429.
Salivary glands in typhoid, i. 72.
Salivation diminution of, i. 228.
in syphilis, i. 651.
Salmonelloses, i. 257.
Salol as adjuvant in antitetanic serum treatment, i. 871.
in syphilis, i. 667.
Salt pack method of wound treatment, iv. 72.
Salt sacks, packing for wounds, iv. 70.
Salvarsan, i. 613, 638. (*See also* Arsenobenzol.)
in antitoxic treatment of tetanus, i. 883.
Saphenous nerve, ii. 195.
Saprophytic organisms antagonistic to dysentery bacilli, i. 351–357.
Sartorius muscle, ii. 199, 200.
Satellite adenopathy, i. 544.
Sauvez' therapeutic classification, in mandibular fractures, iv. 673.
Scabies in syphilis, i. 557, 561, 562.
in typhoid, i. 20.
Scabous, chancre, i. 539.
Scalenus anticus, the, ii. 130.
medius, ii. 125.
muscles, ii. 126.
contracture of, ii. 151.
Scapula, fractures of, in pleuropulmonary wounds, vi. 685.
Scar, adherent terminal, vi. 231.
palmar, avoiding of, vi. 230.
terminal, avoiding of, vi. 230.
Scarlatina in typhoid fever, i. 17.

Scars, excision of, indications for, vi. 331.
general consideration of, vi. 331.
parietal, in pleuro-pulmonary wounds, vi. 873.
Scars, indications for removal, ii. 638.
Schaudinn, i. 549.
Schizogony, i. 940.
retrogressive, i. 942.
Schizonts, i. 939.
of Plasmodium falciparum, i. 1029.
malariæ, i. 1031.
vivax, i. 1025.
Schlikevitch and Ravaut, i. 640.
Schwabach's test, for hearing, v. 959, 964.
Schwann, sheath of, ii. 232.
Schwartz on laparotomy, iii. 310.
Schwartz and Mocquot on laparotomy, iii. 313.
Sciatic and popliteal nerves, evolution of lesions of, ii. 171, 176.
recovery, ii. 171.
Sciatic artery, ii. 153, 179.
nerve, fibres of, ii. 316.
(great), anatomy of, ii. 153.
clinical lesions of, ii. 164–9.
collaterals of, ii. 196–7.
derivation of, ii. 196.
dissociated paralysis of, ii. 187.
evolution of lesions of, ii. 170, 176.
intranervous localisation of, ii. 354.
muscles supplied by, ii. 158.
painful lesions of, ii. 175, 178–9.
paralysis of, ii. 277.
prosthetic appliance for, ii. 341
radiotherapy in, ii. 327.
regeneration of motor function of, ii. 171.
section of, for relief of pain, ii. 80.
sensory vhanges of lesions of, 263.
syndromes of irritation in, ii. 248.
vascularisation of, ii. 153, 179.
(lesser), lesions of, ii. 206.
paralyses, appliances for, ii. 339 *et seq.*
Sciatica, vi. 168.
hysterical pseudo, ii. 462.
in second phase of primary paludism, i. 990.
paralysis, vi. 381.
Sclerosis, interlobar, oblique rays in diagnosis of, v. 59.
of muscle, in congenital torticollis, v. 713.
in ischæmic contracture, v. 714.
in war wounds, v. 712–717.
Sclerotic, rupture of the, iv. 886, 893.
Sclerosis and secondary reaction of muscles, vi. 341.
and secondary retraction of muscles, etiology of, vi. 341.
Sclerosis and mechanical consequences of, vi. 344.
preventive treatment, vi. 345.
surgical treatment, vi. 346.
false insular, caused by hysteria or traumatic hysteria, vi. 585.
insular, cortical substance in complex syndrome of, vi. 585.
in shell-shock, vi. 521.
organic cases of, vi. 585.
Scoliosis, ii. 745.
Scoliosis, as a result of pleuro-pulmonary wounds, vi. 874.
Scotoma, hemiopic, in lesions of occipital lobe, iii. 696.
in wounds of frontal lobe, iii. 606.
Screen, direct extraction, and its advantages, v. 322.
Screen, distance from anticathode, v. 186.
and the fluoroscopic image, v. 29.
fluorescent, v. 29, 30, 82, 296.
illumination of, v. 30.
operations in red light, v. 301, 302.
visibility of projectiles on, v. 105.
Screen examination, apparatus for, v. 82.
disfavor of, v. 103.
easily made mistakes in, v. 116.
errors of diagnosis, v. 121.
photographic imperfections in, v. 117.
Screen localisation methods, v. 174.
Screens, intensifying, v. 38, 40.
"Scribe's hand," ii. 528.
Searcher-localiser, v. 367.
Seasons, rôle of, in typhoid infection, i. 165.
Sea-water, cholera vibrios in, i, 434–436.
"Sébileau's serpent-jaw," iv. 605.
Secondary and tertiary syphilides, i. 557.
disturbances in syphilis and treatment, i. 643.
lesions in syphilis, i. 619.
period in syphilis, i. 572.

Secondary radiation, v. 41.
Secondary syphilis, i. 572.
alopecia in, i. 581.
and patient's antecedents, i. 547.
cutaneous lesions of, i. 573.
pigmentary syphilide, i. 579.
vesicular, bulbous and pustular syphilides, i. 579.
papular syphilides, i. 576.
syphilitic plaques, i. 577.
with large plaques, i. 577.
with small plaques, i. 578.
roseola, i. 573.
Gibert's pityriasis rosea and, i. 575.
general phenomena of, i. 572.
lesions of nails in, i. 582.
lesions of mucous membranes in, i. 582.
of cheeks, i. 583.
of mouth, i. 582.
of tongue, i. 583.
lesions of pharynx in, i. 584.
in soft palate, i. 584.
in tonsils, i. 584.
nervous affections in, i. 585.
facial paralysis, i. 586.
headache, i. 585.
hemiplegia, i. 585.
lymphocytosis of cerebro-spinal fluid, i. 586.
meningo-myelitis, acute, i. 586.
oculo-motor paralysis, i. 586.
sensory organs in, i. 586.
deafness in, i. 586.
icterus in, i. 587.
nephritis in, i. 588.
optic neuritis in, i. 587.
phlebitis in, i. 588.
retinitis in, i. 587.
treatment of, i. 644.
local applications in, i. 644.
for papular syphilides with small papules, i. 645.
for ulcerations of skin, i. 645.
special medication in, i. 646.
for facial paralysis, i. 646.
for headache, i. 646.
for hemiplegia, i. 647.
for iritis, i. 647.
for lesions of muscles and bones, i. 648.
for nephritis, i. 648.
visceral affections in, i. 585.
Second incubation in syphilis, i. 572.
Secretion, disorders of, ii. 562.
Secretory changes and disorders, ii. 14, 62, 71, 101, 109, 165, 215.
Section and attrition in animals, ii. 235, 236.
(complete), ii. 239, 310.
"incomplete," ii. 241.
"Sector-guide" of Grandgérard, v. 169.
Sedatives in treatment of tetanus, i. 887, 889.
belladonna, i. 889.
choral, i. 889.
curare, i. 889.
ether, i. 889.
hyoscamus, i. 889.
morphio, i. 889.
potassium bromide, i. 889.
Sedentary services and contamination in syphilis, i. 516.
Sédillot, v. 655–656, 659.
"See-saw" myosis, ii. 147 (*note*).
Segmental theory of cranium, iv. 794.
Segond's Pills, i. 329–330.
"Self-preservation" not impaired, ii. 438.
Semimembranosus muscle, ii. 154, 158.
Semipronation, position of, vi. 235.
Semitendinosus muscle, ii. 154, 158.
Sencert's appliance, iv. 521.
Sencert, multiple drainage method of treatment of abdominal wounds, iii. 390, 539.
on abstention for treatment of abdominal wounds, iii. 304.
Sensation and special senses, electro-diagnosis in disorders of, vi. 175.
cutaneous, disorders of, vi. 175.
Sensation, disturbances of, in hysterical hemiplegia, ii. 718.
felt by wounded at time of injury, ii. 1.
psychical disturbances of, ii. 778 *et seq.*
Sensation, tests of, in wounds of brain, iii. 575.
deep, iii. 578.
of passive movements, iii. 578.
of position, iii. 578.
osseous, iii. 578.
stereognosis, iii. 578.
superficial, iii. 575.
pain, iii. 578.
tactile, iii. 575.
thermal, iii. 578.
Sense of passive movement and posture, ii. 8.

Senses, special, affections of, vi. 182.
electro-diagnosis in disorders of sensation and, vi. 175.
in typhoid, i. 65, 66.
Senn, v. 667.
Sensibility deep, ii. 8, 251, 259.
disturbance of, ii. 458.
epicritic, ii. 254.
examination of, ii. 458.
objective disturbances of, ii. 74, 176, 293.
osseous, ii. 9.
painful, ii. 7.
protopathic, ii. 253, 258.
recovery of, ii. 251 *et seq.*
subjective, ii. 72.
disturbances of, ii. 175.
superficial, ii. 252.
examination of, ii. 6.
impairment of, ii. 252.
to heat and cold, ii. 7.
return of, ii. 254.
to pressure, ii. 8.
to prick, ii. 253, 8.
to touch, ii. 259.
Sensibility, disorders of, faradic testing in, vi. 177.
farado-cutaneous, vi. 175.
to pain, vi. 175.
Sensitiveness, luminous and visual, v. 31.
Sensory affections and arsenobenzol, i. 586.
organs and secondary syphilis, i. 586.
troubles in typhoid, i. 62.
Sensory aphasia, iii. 663, 665, 667, 674.
in lesions of temporal lobe, iii. 657.
Sensory apparatus, examination of, in wounds of brain, iii. 581.
auditory, iii. 583.
visual, iii. 581.
Sensory changes, ii. 99, 104, 109, 119, 132, 140, 166, 184, 189, 215.
of external popliteal nerve, ii. 264.
of great sciatic nerve, ii. 263.
of median nerve, ii. 60, 67, 262.
of musculo-spiral nerve, ii. 35, 260.
of radial nerve, ii. 251.
of ulnar nerve, ii. 263.
disturbances, ii. 111, 215, 217.
in reflex disorders, ii. 560 *et seq.*
fibres, errors in switching of, ii. 258.
fibrils of ulnar nerve, ii. 358.
function, the examination of, ii. 6.
Sensory changes, nerve fibres, ii. 378.
recovery, first manifestations of, ii. 258.
regeneration, signs of, ii. 299.
signs in syndrome of interruption, ii. 285.
Sepsis, iv. 309.
Septan fever in secondary paludism in malaria, i. 1010.
Septic phenomena, suppression of, iv. 106.
Septicemia, iv. 297.
accompanying synovial injury, iv. 2.
fixation of abscess in, i. 141.
strepto-typhoid, i. 18.
symptoms simulating, i. 104.
Septicæmic character of typhoid, i. 1.
Sequestra, formation of primary and secondary, v. 612–613.
removal of, importance of, v. 655.
treatment of, operative, v. 653.
Sequestrum formation following contusion, v. 606.
Serbia, typhus in, i. 478, 482.
Sereins and Houques, reflex theory of cephalic tetanus with ophthalmoplegia, i. 735.
case of tetanus complicated by ptosis, i. 729.
Sergent's suprarenal white line, i. 74.
Sero-diagnosis of dysentery, i. 313.
Sero-fibrinous pleurisy, and hæmothorax, vi. 735, 762.
Serotherapy, iv. 35.
in dysentery, i. 325–326.
Serotherapy in treatment of tetanus, i. 852.
abuse of heterogeneous serums in, i. 864.
antitetanic serum in, i. 852.
anaphylaxis following, i. 869.
anti-anaphylactic measures in, i. 864–865.
dosage in, i. 870.
efficacy of, i. 865.
history of, i. 852.
injections in, i. 872.
injections in contact with wound in, i. 880.
intra-arterial injections in, i. 877.
intra-cerebral injections in, i. 878.
intramuscular injections in, i. 875.
intra-nervous injections in, i. 879

Serotherapy in treatment of tetanus, injections in, intravenous injections in, i. 875.
para-nervous injections in, i. 880.
para-radicular injections in, i. 880.
sub-arachnoid injections in, i. 878.
subcutaneous injections in, i. 874, 880.
value of, i. 872.
innocuousness of, i. 858.
preparation of, i. 853.
properties of, i. 854.
antitoxic, i. 854.
prophylactic, i. 855.
against tetanus infection, i. 855.
against tetanic toxin, i. 855.
rules for injection of, i. 867.
salol as adjuvant in, i. 871.
symptoms due to first injection of, i. 858.
eruptions, i. 858.
fatal, i. 860.
serum sickness, i. 869.
symptoms due to re-injection of, i. 861, 869.
immediate, i. 861, 869.
late-appearing, i. 860, 870.
in typhoid, i. 148.
in typhus, i. 473–474, 488.
Serous cavities, associated injuries of, in war wounds of chest, vi. 772.
Serous membranes, movable projectiles, v. 272.
Serratus magnus, ii. 124, 128, 131.
Serum and arsenobenzol, physiological, i. 618, 644.
diagnosis of typhoid fever, i. 47.
immunisation in dysentery, i. 375.
sickness, i. 869.
treatment of wound in cephalic tetanus, i. 728.
Serum, physiological intravenous injection of, for treatment of acute anæmia following extensive wounds of blood vessels, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of, iii. 48.
results of, iii. 50.
irrigation in digital exploration of wounds of skull, iii. 831.
irrigation of cerebral wound, iii 816.
Serum, polyvalent, iv. 35.
treatment of Leclanche and Valée, iv. 96–97.
Severe nerve lesions, time for operation, ii. 298.
lesions of nerves, signs of, ii. 290 *et seq.*
Sexual relations in syphilis, i. 667, 668.
Shadowgraphs, Chinese, v. 29.
Shaft, fractures, causes of, from point of view of treatment, iv. 277.
general study, iv. 277 *et seq.*
produced by long-range bullets, iv. 277.
Shaving and cleansing of head in operations on skull, iii. 768, 782.
Sheath of Schwann, ii. 232.
Shell fragments, abdominal wounds of, iii. 335.
ischæmic and septic gangrene from, iii. 73.
Shell-fish, a cause of paratyphoid contagion, i. 261.
as a means of indirect contagion, i. 210.
Shell shock, ii. 864–9.
causes predisposing to, ii. 866.
death under syncope in, ii. 864.
electrical treatment in, ii. 866.
factors responsible for, ii. 866.
mechanical origin probable, ii. 864.
mental picture in, ii. 866.
motor changes in, ii. 865.
muscular contractions in, ii. 865.
objective signs in, ii. 865.
psychic factors in, ii. 866.
psycho-analysis in, ii. 869.
sequelæ of, ii. 869.
special hospitals for, ii. 869.
subjective disturbances in, ii. 865.
use of adrenalized serum in, ii. 868.
use of lecithin in, ii. 869.
value of suggestion in, ii. 868.
Shell shock, chronic mental confusion following, vi. 561.
and caisson disease, comparison of, vi. 531.
circulatory apparatus in, vi. 531.
circulatory types of, vi. 525.
coma in, vi. 508.
common type of, vi. 506.
concussional type, vi. 506.
contusional types of, vi. 509.

Shell shock, convulsive fits in, vi. 522.
deafness and dumbness in, vi. 508, 523.
differentiated from false general paralysis, vi. 520.
emotional types of, vi. 509, 522.
exophthalmic goitre in connection with, vi. 526.
general consideration of, vi. 505.
Graves' disease in connection with, vi. 526.
hallucinatory mental confusion in, vi. 511.
headache in, vi. 508, 522.
hypotonia in connection with, vi. 525.
immediate symptoms of, vi. 506.
in connection with ocular phenomena, vi. 526.
insular sclerosis in, vi. 521.
Shell shock, intensity of motor phenomena in, vi. 521.
later symptoms in, vi. 515.
meningitic symptoms in, vi. 522.
confusion in, vi. 508, 511, 517.
puerility and precocious dementia in, vi. 517.
types, vi. 516.
military crimes due to, vi. 622.
mixed types of, vi. 510.
nervous system in, vi. 531.
neurasthenic depression in, vi. 516.
pathogeny of, vi. 526.
physical signs, vi. 512.
prognosis of, vi. 540.
pseudomeningitis in, vi. 521.
stupor in, vi. 508, 512, 517.
subsequent symptoms, vi. 510.
tachycardia in connection with, vi. 525.
treatment of, vi. 540.
tremophobia as a mental complication of, vi. 525.
tremors, jerkings, and vicious attitudes in, vi. 524.
war madness in, vi. 511.
Shells, v. 137 *et seq.*
description of, v. 137, 139.
description of action of, v. 139.
Shell wounds of blood vessels, iii. 7, 9.
anatomical and physiological considerations of, iii. 18.
Sherrington on function of frontal lobe of brain, iii. 602.
Shields, opaque, v. 95.
Shiga, experiments of, on vaccination against dysentery, i. 375.
Shiga, bacillus of dysentery, differential characteristics of, i. 322.
vitality of, i. 350.
Shock accompanying crushing of limb, iv. 6.
accompanying fracture of femur, iv. 514.
accompanying hip wounds, iv. 188.
immediate treatment of, iv. 333.
Shock, anaphylactic, in administration of antitetanic serum, i. 767.
Shock in abdominal wounds, iii. 467.
in head wounds, differentiated from intra-cranial tension, iii. 774.
Shock, meaning of, vi. 505.
shell, vi. 505.
Shock of neuropathic type, ii. 857.
organic type, ii. 859.
psychopathic type, ii. 857.
Shoes and socks, good, precaution against tetanus, i. 921.
"Short circuit," how caused, v. 19.
Shortening, due to vicious union, iv. 545.
Shortening of fragments, v. 542.
in femur, v. 546.
of humerus, v. 548.
in lower limbs, v. 548.
Shoulder, ankylosis of, vi. 246.
dislocation of, stiffness following, vi. 220.
joint, cases of suppurative arthritis of, vi. 255.
joints, functional results of ankylosis, in connection with, vi. 228.
motor points of, vi. 41.
pseudo-arthrosis of, vi. 253.
Shoulder, attachment of artificial forearm to, v. 467.
projectiles in, v. 267.
Shoulder belt appliance (Meige's), ii. 339, 343 *et seq.*
dislocation of, ii. 140.
examination of, ii. 3.
joint, nerve-supply of, ii. 400.
muscles of: physiology, ii. 127.
Shoulder joint, disarticulation through, artificial limbs for, v. 523.
effects of mal-united fractures of humerus on movements of, v. 757.
Shoulder, lesions, location of, iv. 102.
wounds and fractures, anatomical types, iv. 102.

Shoulder, wounds and fractures of, casings for, iv. 120 *et seq.*
esquillectomy and sub-periosteal resection, iv. 106.
evacuation of patients with, iv. 124.
flail-like limb, after, iv. 128.
operative technic, iv. 112 *et seq.*
persistent sinus in, iv. 127.
post-operative treatment of, iv. 117 *et seq.*
practical steps in treatment of, iv. 107, 108.
simple immobilisation of, iv. 105.
treatment of patients seen late or after evacuation, iv. 125 *et seq.*
types of, iv. 103 *et seq.*
Shrapnel bullet, abdominal wounds by, iii. 334.
Shrapnel shells, v. 139.
Sicard's "osteoporotic hand," ii. 78.
Side arms, abdominal wounds of, iii. 331.
Sigmoid flexure, wounds of, healing spontaneously, iii. 350.
"Sign of the newspaper" (Froment), ii. 97.
"Sign of the panther," ii. 592.
"Sign-post hand," ii. 366.
"Signe de l'eventail" (toe spreading), ii. 728–9.
Signs of recovery, muscular spiral paralysis, order of restoration of movement, ii. 45.
of severe lesion, ii. 290 *et seq.*
Sight, neuropathic affection of, ii. 809 *et seq.*
Silver staining, i. 551.
Simon, Clement, i. 654, 702.
Simonin on laparotomy, iii. 326.
Simple chancre, i. 557, 558, 559, 560.
inoculation of, i. 559.
Simulation and amnesia, vi. 605.
and Ganser's syndrome, vi. 604.
complete absence of, in mental disorders, vi. 606.
of creation, vi. 606.
of fixation, vi. 606.
of functional disorders, vi. 602.
of organic diseases, vi. 602.
of organic nervous disorders, vi. 606.
Simulation and hysteria, ii. 621.
definition of, ii. 626.
genuine, very rare, ii. 608.
Simulation of deafness, v. 934.
course to be followed in, v. 937.
etiology of, v. 934.
symptoms and diagnosis of, partial deafness, v. 936.
symptoms and diagnosis of total deafness, v. 935.
Simulation, ulcerations in syphilis induced for, i. 557.
"Sinistroses" of war, ii. 849.
Sinus, frontal, injury to, in cranicectomy, iii. 821.
hæmorrhage from, iii. 821–822.
muscular flap in, iii. 821–822.
lesions of, in wounds of frontal lobe, iii. 605.
wounds of, iii. 603.
differentiation from wounds of frontal lobe, iii. 603.
Sinus, lateral, injury of, due to auriculo-mastoid wounds treatment of, v. 880.
Sinuses, and ankylosis, iv. 169.
consideration of, in pleuro-pulmonary wounds, vi. 874.
Sinuses, of bone, duration of, v. 692.
reopening of, v. 705.
See Cavities and Tunnels in Bone.
chronic, of bone, association of dermatitis with, v. 635.
association of joint troubles with, v. 643–644.
the result of compound fractures, clinical study, v. 625–647.
pathology of, v. 611–618.
radiographic study, v. 619–624.
the result of wounds of bones, v. 608–611.
epiphyses and flat bones, 608–611.
femur, v. 606–607.
skull, v. 605.
tibia, v. 606.
leading to epiphyses in ankylosis of joints, operation for, v. 698.
resulting from wounds of bone, without complete fracture of cancellous bone, v. 608.
and compound fractures, v. 602.
in shaft of, v. 604.
Sinusitis, iv. 948, 950, 954.
Sinusoidal curve, v. 24.
Sixth cranial nerves, paralysis of, in cephalic tetanus, i. 733.

Skiagrams, ii. 147.
Skiameter of Viallet and Dauvillier, v. 194.
Skin, affections of, typhoid fever and, i. 20.
hygiene of, i. 125.
in typhoid fever, i. 76.
ulcerous lesions of, i. 645.
Skin changes in contractures of long standing, ii. 734.
disturbance of coloration of the, ii. 529.
in lesions of peripheral nerves, ii. 211.
moisture of, ii. 363.
Skin, effect on, of friction from artificial limb, v. 388.
Skin and subcutaneous tissue in pleuro-pulmonary wounds, vi. 683.
Skull, localisation of projectiles, in, v. 251.
search for foreign bodies in, v. 123.
Skull, wounds of, iii. 555, 767.
abscess of brain in, iii. 745. *See also* Abscess of brain.
aphasia in relation to, iii. 662. *See also* Aphasia.
cerebral concussion in, iii. 738. *See also* Concussion of brain.
cerebral contusion in, iii. 736. *See also* Contusion of brain.
complications of, iii. 842.
cerebral abscess, iii. 845.
cerebral hernia, iii. 847.
encephalitis, iii. 845.
epilepsy, iii. 852.
meningitis, iii. 842.
cranio-cerebral topography in, iii. 560.
in frontal type, iii. 561.
in occipital type, iii. 562.
metrical system of datum-points in, iii. 563.
external auditory meatus and zygomatic arch in, iii. 564.
external occipital protuberance in, iii. 563.
fissure of Rolando in, iii. 564.
Sylvian, iii. 565.
lambda in, iii. 563.
nasal point in, iii. 563.
radiography in, iii. 566.
driving in the bone, iii. 772, 773.
early operation in, iii. 768–769.
epilepsy in, iii. 752. *See also* Epilepsy.
Skull, examination of, careful, importance of, iii. 774.
differentiation between shock and intra-cranial tension in, iii. 776.
motor, sensitive and sensory symptoms in, iii. 774.
precautions in, iii. 777, 779.
progress of infection in, iii. 776.
search for foreign body in, iii. 778, 779, 780–781.
Skull, wounds of, examination of patient in, iii. 555.
circumstances of infliction of wound, iii. 555.
course of wound and nervous symptoms in, iii. 558.
earliest symptoms in, iii. 555.
interrogation of patient in, iii. 555.
examination of [illegible], iii. 559, 774.
anatomical considerations in, iii. 775.
brain in, iii. 776.
dura mater in, iii. 776.
skull in, iii. 776.
bone injury in, iii. 559.
for cerebral lesions, iii. 560.
palpation in, iii. 559.
radiography in, iii. 560.
scalp wound in, iii. 559.
frequency of, iii. 767.
in frontal region, iii. 598. *See also under* Frontal lobe.
in occipital region, iii. 678. *See also* Occipital lobe, wounds of.
in parietal region, iii. 642. *See also* Parietal lobe.
involving cerebellum, iii. *See* Cerebellum.
involving Rolandic area, iii. 610. *See also* Rolandic area.
involving temporal lobe, iii. 652. *See also* Temporal lobe.
localisation of, iii. 560.
location of, iii. 767.
meningitis a complication of, iii. 742. *See also* Meningitis.
neurological examination in, iii. 567.
lumbar puncture in, iii. 587.
cytological examination of cerebro-spinal fluid in, iii. 588.
technique of, iii. 587.
of co-ordination, iii. 579.

Skull, wounds of, neurological examination in, of co-ordination in, in lower limbs, iii. 579.
in upper limbs, iii. 579–580.
of diadococinesia (Babinski), iii. 580.
of equilibrium, iii. 580.
of gait, iii. 580.
of reflexes, iii. 570.
clonus, iii. 574.
ankle, iii. 574.
patellar, iii. 575.
cutaneous and mucous, iii. 572.
Skull, wounds of, neurological examination in, cutaneous and mucous, abdominal, iii. 573.
adductor of foot, iii. 572.
automatic spinal or defensive, iii. 574.
corneal, iii. 574.
cremasteric, iii. 573.
palate, iii. 573.
plantar, iii. 572
of bones and tendons, iii. 570.
Achilles reflex, iii. 570.
forearm flexion or lower radial reflex, iii. 571.
in lower limbs, iii. 570.
in upper limbs, iii. 571.
patellar reflexes, iii. 570.
Jendrassik's method, iii. 570.
triceps brachialis reflex, iii. 571.
ulnar pronation reflex, iii. 571.
of segmental muscular power, iii. 567.
paralysis tests in, iii. 567.
in head, iii. 569.
in limbs, iii. 568.
in trunk, iii. 569.
of sensation, iii. 575.
deep, iii. 578.
of passive movement, iii. 578.
of position, iii. 578.
osseous, iii. 578.
stereognostic, iii. 578.
superficial, iii. 575.
pain, iii. 578.
tactile, iii. 575.
thermal, iii. 578.
of sensory apparatus, iii. 581.
auditory, iii. 583.
Babinski's voltaic vertigo test in, iii. 586.
Skull, wounds of, neurological examination in, of sensory apparatus, auditory, Barany's caloric test in, iii. 585
Lombardi's test in, iii. 584.
Rinne's test in, iii. 583.
rotation test in, iii. 584.
vestibular tests in, iii. 584.
Weber's test in, iii. 583.
with tuning fork, iii. 583.
visual, iii. 581.
ocular media and fundus oculi in, iii. 582.
ocular movements in, iii. 581.
pupillary, iii. 582.
visual acuity in, iii. 582.
of speech, iii. 581.
Skull, wounds of, neurological examination in, radiography in, iii. 588.
non-penetrating, iii. 771, 773.
operative treatment of, iii. 782.
anæsthesia in, iii. 782.
general, consideration of, iii. 782–783.
local, iii. 783.
chair for, iii. 786.
instruments for, iii. 784.
intradermic injection in, iii. 787.
position of patient in, iii. 785, 822.
solutions for, iii. 785.
craniectomy in, iii. 797.
classes of wounds treated by, iii. 822–823.
difficulties attending, iii. 819.
hæmorrhage of diploë, iii. 819.
injury to dura and brain with Gigli's saw, iii. 820.
injury to sinus, iii. 821.
hæmorrhages from, iii. 821–822.
muscular flap in, iii. 821–822.
rupture of meningeal artery, iii. 821.
instruments in, iii. 797 *et seq.*, 823.
replacing osteo-plastic flap in, iii. 817.
approximation and suture of edges in, iii. 817.
section of bone in, iii. 787.
dura mater separator and protector in, iii. 801.
Gigli's saw in, iii. 801.

Skull, osteo-plastic flap in, cutting of, iii. 796.
fracture of base of, iii. 809.
selection of, iii. 786–787.
trephining of skull in, iii. 798, 800.
treatment of injury in, iii. 813.
drainage tube in, iii. 816.
irrigation of cerebral wound with physiological serum in, iii. 816.
removal of splinters in, iii. 813.
repair of dura in, iii. 815.
search for projectile in, iii. 815.
value of, iii. 818, 835.
Skull, wounds of operative treatment of, cutaneous incision in, iii. 789–795.
hæmostatic procedure in, iii. 789.
in gutter wounds, iii. 837.
cutaneous flap in, iii. 827.
digital exploration under serum irrigation in, iii. 831.
drainage in, iii. 831, 834.
hæmostasis in, iii. 827.
opening of dura in, iii. 829.
radical removal of bone in, iii. 832.
suture of dura in, iii. 830.
suturing of epicranium beneath scalp opening in, iii. 833.
trimming of osseous furrow in, iii. 828.
value of, iii. 835.
osteo-plastic flap in, cutting of, iii. 796.
selection of, iii. 786–787.
results of, iii. 835.
shaving and cleansing of head preparatory to, iii 768, 782.
trephining, wide, in, iii. 818, 819.
passing through and out, iii. 770, 773.
penetrating, iii. 771, 773.
perforating, iii. 771, 773.
ploughing through skull and brain, iii. 772, 773.
post-operative treatment in, iii. 840.
drainage in, with cigarette drain, iii. 840.
dressing of wound in, iii. 840.
precautions against complications in, iii. 841.
Skull, wounds of, post-operative treatment in, removal of drain in, ii. 841.
removal of hæmostatic suture in, iii. 840.
sequelæ of operations in, iii. 838.
immediate, iii. 838.
shaving and cleansing of head in, iii. 768, 782.
subjective symptoms in, iii. 590.
course of, iii. 595.
differential diagnosis of, and examination for objective organic signs, iii. 593.
in auditory apparatus, iii. 5, 95.
in headache, iii. 593.
in vertigo, iii. 594.
in visual apparatus, iii. 595.
lumbar puncture in, iii. 595.
radiography in, iii. 595.
Skull, wounds of, subjective symptoms in, ordinary syndrome of, iii. 590.
defective memory, iii. 592.
emotional changes, iii. 592.
headache, iii. 590.
insomnia, iii. 592.
vascular phenomena, iii. 592
vertigo, iii. 591.
pathogenesis of, iii. 592, 596.
treatment of, iii. 596.
tangenital, iii. 769, 770.
transport of wounded in, iii. 768.
trench-helmet and, iii. 767.
varieties of, iii. 769.
Sleep, importance of, in mental confusions, vi. 462.
hysterical contractures in, ii. 465.
persistence of Accoucheur's hand in, ii. 732.
Sleeplessness as a factor in mental depression, vi. 483.
Sling, apparatus, iv. 379.
suspension, principles of, iv. 367.
Slings, use of, vi. 302.
Small intestine, iii. *See* Intestine, small.
Small sciatic nerve, lesions, ii. 206–8.
Smell and taste, hysterical, loss of, rare, ii. 811.
Soap as antiseptic, i. 689.
Socket of eye, artificial dilatation of, iv. 996.
Sodium persulphate in antitoxic treatment of tetanus, i. 885, 926.
preparation of, i. 926.
Soft parts, disinfection of, iv. 343.
large loss of substance of, iv. 623.

Soil as source of dysentery infection, i. 353.
contagion of, i. 203, 206, 207.
Soldiers, hysterical, at the front, ii. 632.
Soldiers resistant to eye infection, iv. 890.
Soleus muscles, ii. 161.
fibres for, ii. 354, 358.
Somnambulism and hysteria, vi. 592.
Somnolence in typhoid fever, i. 59.
Sonnenblick and Logachkine on medicinal treatment of abdominal wounds, iii. 283.
Sore throat in syphilis, i. 521.
Souques, Megevand, Donnet, appliances, ii. 334, 342–3.
South African War, typhoid in, i. 208.
Spade holder, v. 507.
Spanish-American war, laparotomy in, iii. 278.
Spanish-American War, typhoid fever in, i. 218.
mortality in, i. 161.
Spasm of accommodation, ii. 490.
during chloroform narcosis, ii. 570.
Spasmodic myopia, ii. 476.
Spasmodic paraplegia in lesions of Rolandic area, iii. 629.
Spasms in typhoid, i. 63.
traumatic, of face, differentiation of, from cephalic, tetanus with facial paralysis, i. 727.
Spark measurer, v. 19.
Sparking device for X-ray tubes, v. 19.
Special senses, affections of, vi. 182.
Special senses, psychical disorders of, ii. 800 *et seq.*
Special senses in typhoid fever, i. 65.
Specialists, duties of, to discharge boards, ii. 889.
Spectacles, X-ray, v. 84, 97.
Speech, difficulty, ii. 227.
Speech, tests of, in wounds of brain, iii. 581.
Speech centre, iii. 665, 667.
Sphenoidal fissure, iv. 790, 855.
Sphincter control, disorders of, ii. 812 *et seq.*
troubles, ii. 463.
in cervical and brachial plexuses, ii. 146.
Sphygmometric and oscillometric observations, comparative study of, ii. 667.
investigations, ii. 510.
Spick, i. 503.
Spillmann, L., i. 515, 521.
Spina ventosa, in osteomyelitis, v. 589.
Spinal accessory nerve, ii. 226.
centres, hyperexcitability of the, ii. 368.
cord symptoms associated with lesions of brachial plexus, ii. 144, 147.
injury, ii. 144.
early and generalised form, ii. 144.
pia mater, vaso-constriction of vessels of, ii. 496.
Spinal cord, lesions of, vi. 151.
wounds of, as a complication in war wounds of chest, vi. 772.
Spinal meningitis, latent, i. 634.
Spinal nerves, lesions of, i. 633.
Spinal reflex, automatic, in wounds of brain, iii. 574.
"Spindle hand," ii. 366.
Spine, projectiles in, v. 348.
localisation of, v. 265.
Spintermetre, v. 19.
Spirillar injection, Vincent's, i. 585.
Spirillum dentium, i. 553.
Vincent's, i. 553.
dysentery, i. 309.
Spiritous drinks, effect of, on epilepsy, vi. 588.
Spirochæta buccalis, i. 553.
refringens, i. 552, 553.
pallida, i. (*See Treponema pallidum*.
Splanchnic tetanus, i. 707, 708.
clinical manifestations of, i. 708.
course and prognosis of, i. 709.
summary of, i. 914.
Spleen, enlargement of, in typhoid, i. 37, 83, 106.
treatment of lesions of, iii. 512.
plugging in, iii. 514.
splenectomy in, iii. 514.
thoracico-abdominal wound in, iii. 513.
wounds of, healing spontaneously, iii. 352.
not healing spontaneously, iii. 365.
Splenomegalic anæmia in second attack in primary invasion of malaria, i. 972.
Splint, for wounds of knee, iv. 220–221.
interrupted plaster, for fracture of both bones of forearm, iv. 453.
laced, iv. 32.

Splinters, bony, i. 355.
due to projectiles, i. 355.
Splinters, iv. 300.
extraction of, iv. 971.
Spongeielectrodes, use of, in exploring motor nerves and muscles, vi. 10.
Sponging a typhoid fever patient, i. 133.
Spontaneous hæmostasis in hæmorrhage from wounds of blood vessels, iii. 25.
precariousness of, iii. 28.
Spontaneous issue of sequestra, v. 639–642, 652.
Spontaneous regeneration of nerves, ii. 313.
Sporogony, i. 943.
Spotted fever, Rocky Mountain, i. 470–471.
Spring knee, ii. 469.
Spurs of bone, as seen by X-ray, vi. 221.
Stability, importance of, in ankylosis, vi. 227.
Starvation in psychoneuroses, ii. 865.
Staining in blood examination of malaria, i. 1019.
Laveran's panchrome in, i. 1024, 1033.
Senevets' borax-eosin-blue stain in, i. 1021.
Tribondeau's bi-eosinate stain in, i. 1019–1021.
water used in, precautions regarding, i. 1022.
Langeron's method of testing in, i. 1022.
results with ordinary water in, i. 1023.
with deep staining, i. 1024.
with faint staining, i. 1023.
with intermediate staining, i. 1024.
Nicolle's method of, i. 561.
silver, i. 551.
Stasis, pupillary, iv. 963.
Staso-basophobia, ii. 758.
Status epilepticus in wounds of brain, iii. 756.
Status hystericus, ii. 408.
Stereognosis, ii. 9.
Stereognostic sense in the hand, ii. 62.
disturbances of, ii. 150.
Stereognostic sense in wounds of brain, iii. 578.
Stereometer, v. 241.
Stereometry, in determining position and depth of projectiles, v. 240.
Stereoradiographic scale, v. 242.
Stereoscopes, Hirtz, v. 237.
"Mexican," v. 238.
Pirie, v. 238.
Wheatstone, v. 237.
Stereoscopic radiography, v. 237. *See also* Radio-stereoscopy.
Stereoscopic radioscopy, v. 244.
Stereoscopy and localisation, v. 235.
Stereotelescope, Mattey, v. 238.
Stereothesimeter, v. 242.
Sterilisation of water, necessity of, i. 237, 247.
Sterilisation of wounds, surgical and mechanical, iv. 35.
Stern on laparotomy, iii. 316.
Sterno-cleido-mastoid, the, ii. 130.
Sterno-mastoid and trapezius, contractures of, ii. 735.
Sterno-mastoid branch, ii. 126.
Sternum, fractures of, rare occurrence of, vi. 685.
Stibial cholera, i. 398.
Stiblico-argentic sulphate of dioxydiamino-arsenobenzol, i. 637.
Stiffness following dislocation of shoulder, vi. 220.
joint, vi. 217.
direction and range of movement in, vi. 217.
of peri-articular origin, vi. 217.
Stiffness of joints, tendency to, v. 720.
treatment of, curative, v. 726.
accessory, v. 737.
correction by a succession of plasters, v. 735.
forcible correction, v. 733.
preventive, v. 716.
Stigmata, ii. 412, 428.
ocular, ii. 474, 477.
permanent, ii. 424.
Stimulation, of anterior crural nerve, vi. 47.
of obturator nerve, vi. 47.
of facial nerve, vi. 35.
of popliteal nerve, vi. 49, 51.
of radial nerve, vi. 45.
of sciatic nerve, vi. 48.
trans-cutaneous, vi. 33.
unipolar method of, introduced in physiology by Chauveau, vi. 22.
with faradic current, vi. 18.
with galvanic current, vi. 21.

Stimulus, duration of, vi. 104.
threshold, definition of, vi. 15.
St. Louis Hospital, i. 690, 695.
statistics of syphilis in, i. 510, 512.
Stoffel's investigation on nerves, ii. 356.
Stomach, treatment of lesions of, iii. 505.
by detachment of inter-colic omentum, iii. 511.
in posterior surface, iii. 507.
in upper part, iii. 506.
through great omentum, iii. 510.
through transverse mesocolon, iii. 508.
wounds of, healing spontaneously, iii. 351.
not healing spontaneously, iii. 363.
Stomatitis in syphilis, i. 651, 667.
mercurial, i. 583.
Stools, choleraic, i. 381–382, 416–417.
dysenteric, i. 297, 311.
paratyphoid infection in, i. 256.
typhoid bacilli in, i. 179.
Stop, for amputation below knee, v. 456.
to limit extension of knee, v. 418.
Strabismus, iv. 928.
Street dirt, typhoid infection from, i. 206.
Streptococcal infection in typhoid fever, i. 18.
Stretchers for abdominal cases, iii. 428.
Strohl process of localisation, v. 204.
Strong bacillus of dysentery, differential characteristics of, i. 322.
"Strumming sign," ii. 108.
Strumpell's phenomenon, iii. 639.
Strychnine poisoning, acute, differentiated from monoplegic form of local tetanus, i. 802.
Stump, bearing points of, v. 387.
condition of, allowing end bearing, v. 387.
force transmitted to bucket by, v. 382.
length of, v. 383, 390.
for artificial forearm, v. 473.
Stump, conservation of length of, in ankylosis of fingers, vi. 230.
preparation of end of, in ex-articulation of metacarpo-phalangeal joint, vi. 230.
preparation of end of, in interplalangeal amputations, vi. 230.
Stupor, caused by bombardments, vi. 470.
causes of, vi. 470.
confused, sudden cases of, vi. 471.
in shell-shock, vi. 508, 512, 517.
in typhoid, i. 59.
with mental confusion, vi. 468.
Stuttering, ii. 804.
Stylo-radial reflex, the, ii. 10, 39, 63, 132.
Subastragaloid joint, vi. 259.
ankylosis of, vi. 278.
Subclavius, ii. 125.
Subconjunctival ecchymosis, iv. 876.
Subcutaneous cellular tissue, ii. 213.
Subdeltoid fracture, iv. 400 *et seq.*
Subjective disturbances, destination of, ii. 9.
in shell shock, ii. 865.
Sublimate in syphilis, i. 546.
pills, i. 596, 597.
Subluxation of the lens, iv. 885–886.
of eye, iv. 885.
Subnitrate of bismuth in syphilis, i. 643.
Subperiosteal resection, iv. 15.
Subscapular region, projectiles in, v. 350.
Subscapularis muscle, ii. 129, 131.
Subsequent history of injuries, ii. 2.
Subtrochanteric fractures, iv. 494 *et seq.*
Sucker, india rubber, for plate for upper jaw, iv. 661.
Sudamina, i. 78.
Sugar treatment of wounds, iv. 75, *et seq.*
Suggestibility, increased by chloroform narcosis, ii. 868.
by commotion, ii. 451.
pronounced, ii. 797.
Suggestion, ii. 421, 869.
as treatment in shell shock, ii. 868.
differentiated from "simulation," ii. 461.
disorders result of, ii. 461.
essential to produce hysterical manifestations, ii. 452.
implies perturbation of consciousness, ii. 427.
medical, in hysterical anæsthesia, ii. 797, 799.
rôle of, ii. 452.
unable to determine form, intensity and duration, ii. 422.

Suicide, epidemic of, ii. 440.
gunshot wounds in, iv. 806–807, 861.
Sulphur baths, i. 645.
Sunday consultations, i. 690.
Sunlight, bactericidal action of, i. 205, 206, 214.
effect of, on cholera vibrio, i. 431.
vitality of dysentery bacilli in, i. 351.
Sunlight therapy, in joint wounds, iv. 28.
Sunlight treatment of wounds, iv. 90 *et seq.*
Superciliary arch, restoration of, iv. 932–933.
Superior orbital margin and well, fractures of, treatment, iv. 971 *et seq.*
Superposition, accompanying lateral fracture of jaw, iv. 612.
Supination, loss or limitation of movements of, vi. 235.
Supinator brevis, the, ii. 30.
longus, ii. 29, 131.
fibres for, ii. 357.
Supporting apparatus, iv. 32.
Suppositories, i. 594, 599.
Audry's, i. 599, 600.
Suppuration, mediastinal treatment of, vi. 863.
Suppurative arthrites in war surgery, vi. 219.
Suppurative conditions complicating typhus exanthematicus, i. 465.
hepatitis, i. 365.
Supraclavicular branch, the, ii. 126.
Supracondylar fracture, iv. 433.
Supramalleolar fractures, iv. 569 *et seq.*
Supraorbital notch, iv. 790.
Suprarenal capsules, i. 73.
Suprarenal insufficiency in second phase of primary paludism, i. 978.
acute and subacute form of, i. 978.
choleriform attacks in, i. 979.
duration of symptoms in, i. 979.
general condition in, i. 978.
onset in, i. 978.
gradual form of, i. 980.
in typhoid, i. 73.
Supraspinatus muscle, ii. 125, 129, 131.
Surgery, conservative, indications for, iv. 275.
Surgery, indications in ankylosis, vi. 217.
station, organised advanced, need for, in pleuro-plumonary wounds, vi. 783.
Surgery, orthopædic, transplantation of tendons in, vi. 379.
boot, principle of, with artificial muscles, vi. 388.
Surgical traumatism, acceleration of development of tetanus by, i. 785.
local tetanus caused by, late appearance of, i. 784.
explanation if, i. 784–785.
incubation period in, i. 784.
Surgical treatment of lesions of jaw, iv. 734 *et seq.*
Surgical treatment of nerve injuries, ii. 302 *et seq.*, 319 *et seq.*
causes of failure, ii. 315.
of vascular wounds, ii. 218.
"Suro-metatarsal" cuff, of Ollier, iv. 259.
Suspension apparatus, iv. 380, 427 *et seq.*
for fracture of forearm, iv. 454.
for fracture of leg, iv. 561.
for fracture of thigh, iv. 526–527.
for multiple fractures, iv. 492.
in sub-trochanteric fracture, iv. 500.
superstructure, iv. 381.
Suspension, of artificial arms, v. 465, 509.
to condyles of humerus, v. 465.
to shoulder, v. 467.
to worker's arm, v. 518.
Suture in permanent hæmostasis in wounds of blood vessels, iii. 37.
asepsis in, iii. 43.
circular, iii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
Suture of nerve, ii. 305, 311.
Sutures, for complete section of nerves, ii. 305, 306.
immediate, ii. 317.
"Swan-neck hand," ii. 366.
Sweat, absence or hypersecretion of, ii. 14, 395.
hypersecretion of, ii. 562.
secretion, ii. 571.
"Sweating fevers," in typhoid cases, i. 76.

Sweating in paratyphoid fevers, i. 83.
Symblepharon, iv. 967.
Syme's amputation, v. 457.
disarticulation, iv. 247, 261.
operation, illustrated, iv. 265.
Symmetrical irradiation, ii. 388.
Sympathetic lesions, ii. 227, 228.
Sympathetic, section of the, iv. 921–922.
Symptomatology, ii. 454.
of physiopathic affections, ii. 360 *et seq.*
Synæsthesalgia, ii. 74 (*note*).
Synaptic membrane, i. 895.
Syncope in shell shock, ii. 864.
confusional, ii. 446.
of compression, dissociation, interruption, irritation, recovery, ii. 284–5.
of interruption, complete, ii. 286–7.
Syndrome, Ganser's and simulation, vi. 604.
Volkmann's, vi. 159.
"Syndrome of irritation," ii. 248.
Syndromes, i. 283 *et seq.*
Synochus, i. 11.
Synostosis, vi. 219.
complete, vi. 221.
opacity as an indication of, vi. 221.
partial, vi. 222.
Synovial elements, destruction of, iv. 21.
injury, complications of, iv. 2.
membrane, damage of, iv. 2.
growth of, iv. 20.
wounds of, treatment, iv. 8.
wounds of, types, iv. 9.
Syphilide, acneiform, lichenoid and miliary, i. 578, 645.
pigmentary, i. 579, 580.
Syphilides, bullous, pustular and ulcerative, i. 579.
chancriform, i. 565.
characteristics of secondary, i. 573.
follicular, i. 578, 645.
malignant, i. 645.
papular, 576.
with large papules, i. 577, 578.
with small papules, i. 578, 645.
papulo-squamous, i. 578.
periungual, i. 582.
secondary and tertiary, i. 557.
Syphilis, v. viii.
a national danger, i. 518.
and precautionary measures, i. 669, 670, 682.
cerebro-meningeal, i. 585.
children contaminated by, i. 522.
Syphilis, civilians and, i. 518, 520.
clothing in, i. 667.
complement-fixation test in, i. 554.
congenital, retarded, i. 531.
diminution of effectives by, i. 523.
diminution of men's value in, i. 524.
disastrous influence of war, i. 532.
drinking of alcohol in, i. 667.
hygiene in, i. 666.
hygiene of mouth in, i. 667.
sexual relations in, i. 667.
suppression of tobacco in, i. 666.
in army, frequency of, i. 503, 504, 524.
leave and, i. 513.
origin of, i. 509.
incubation period of, i. 547.
influence of, on birth rate and future generations, i. 527.
isolation in contagious, i. 675.
malignant, i. 579.
malignant hypertoxic, and typhoid, i. 104.
married women and, i. 520, 521.
munition workers and, i. 504, 522, 523.
noxious influence of, i. 528, 529.
parasite of, i. 549
pregnancy and maternal infection in, i. 528, 529.
prophylaxis in, i. 669.
creation of centres for treatment of syphilis, in, i. 690.
for protection of healthy men, i. 682.
distribution of pamphlets in, i. 687.
lectures in, i. 682.
personal precautions in, i. 688.
hospital treatment in, i. 673.
advice to syphilitic patients in, i. 678.
locality of hospitalisation for syphilitics in, i. 676.
isolation of syphilitic carriers of contagious lesions in, i. 670.
medical inspection in, i. 671.
post-hospital treatment and supervision in, i. 679.
supervision of prostitution in, i.
retarded congenital, i. 531.
secondary, i. 572.
alopecia in, i. 581.
cutaneous lesions of, i. 573.

Syphilis, secondary, cutaneous lesions of, papular syphilides, i. 576.
syphilitic plaques, i. 576.
with large plaques, i. 577.
with small plaques, i. 578.
pigmentary syphilide, i. 579.
roseola, i. 573.
Gibert's pityriasis rosea and, i. 575.
secondary, cutaneous lesions of, roseola, medicamental erythemas and, i. 575.
vesicular, bulbous and pustular syphilides, i. 579.
deafness in, i. 586.
general phenomena in, i. 572.
icterus in, i. 587.
iritis in, i. 586.
lesions of mucous membrane in, i. 582.
of cheeks, i. 583.
of mouth, i. 582.
of tongue, i. 583.
lesions of nails in, i. 582.
lesions of pharynx in, i. 584.
in soft palate, i. 584.
in tonsils, i. 584.
nephritis in, i. 588.
nervous affections in, i. 585.
facial paralysis, i. 586.
headache, i. 585.
hemiplegia, i. 585.
lymphocytosis of cerebro-spinal fluid, i. 586.
meningo-myelitis, acute, i. 586.
oculo-motor paralysis, i. 586.
optic neuritis in, i. 587.
phlebitis in, i. 588.
retinitis in, i. 587.
sensory organs in, i. 587.
visceral affections in, i. 585.
social consequences of, i. 523.
symptoms of, i. 536.
tertiary, i. 588.
diagnosis of, i. 589.
localisation of, i. 589.
treatment of, i. 591.
of active, i. 675.
ambulatory, i. 690.
attacking, i. 610.
army, i. 649, 650.
arsenical, i. 612.
galyl in, i. 636.
hectine in, i. 636.
luargol in, i. 637.
neosalvarsan (novarseno-benzol) in, i. 615.
Syphilis, treatment of, neosalvarsan, after-effects of concentrated injections of, i. 628.
dosage for, i. 625.
effect of, on syphilitic manifestations, i. 619.
on cutaneous lesions, i. 620.
on general condition, i. 621.
Syphilis, treatment of neosalvarsan in, effect of, on headache, i. 620.
on hemiplegia, i. 620.
on iritis and irido-choroiditis, i. 621.
on mucous plaques, i. 619.
on syphilitic chancre, i. 619.
periodicity of injections of, i. 628.
serious accidents in treatment with, i. 631.
acute encephalitis, i. 632.
albuminuria, i. 635.
cardiac disturbance, i. 635.
cutaneous eruptions, i. 635.
gastro-intestinal disorders, i. 635.
icterus, i. 635.
nervous disorders, i. 633.
neuro-relapses, i. 633.
vehicle for injections of, i. 616.
salvarsan in, i. 613.
ulcerations due to, i. 557.
clandestine prostitution and, i. 694.
energetic, i. 641.
free prostitution and, i. 700.
intravenous injections in, technique of, i. 653. (*See also* Intravenous injections).
local, i. 644.
mercurial, i. 593.
by endermic administrating, i. 600.
by ingestion, i. 594.
cachets in, i. 597.
pills in, i. 595.
solutions and syrups in, i. 594.
tabloids in, i. 597.
intra-muscular administration of, i. 600.

Syphilis, treatment of, mercurial intramuscular administration of, by injection of insoluble preparations of, i. 601.
advantage of, i. 601.
calomel in, i. 603, 604.
grey oil in, i. 603.
inconvenience of, i. 601.
pain of, i. 602.
salicylate of mercury in, i. 603.
yellow oxide of mercury in, i. 603.
Syphilis, treatment of, mercurial, intra-muscular administration of, by injections of soluble preparations, i. 604, 605.
benzoate of mercury in, i. 606.
biniodide of mercury, in, i. 606.
cyanide of mercury in, i. 607.
neutral salicylate of mercury in, i. 607.
oxycyanide of mercury in, i. 607.
technique of, i. 607.
intravenous administration of, i. 608.
advantages of, i. 609.
cyanide of mercury in, i. 608.
objections to, i. 609.
technique of, i. 609.
value of, i. 610.
mercury with arsenic in, i. 638.
per rectum, i. 599.
of munition workers, i. 670.
prostitutes and, i. 694, 695, 696.
routine, i. 641.
continued treatment in, i. 649.
at the front, i. 649.
in depots and sedentary services, i. 650.
Wassermann reaction in, i. 651.
period of chancre in, i. 642.
local applications in, i. 643.
secondary period in, i. 644.
local applications in, i. 644.
for papular syphilides with small papules, i. 645.
Syphilis, treatment of, mercurial routine, secondary period in, for ulcerations of skin, i. 645.
special medication in, i. 646.
for facial paralysis, i. 646.
for headache, i. 646.
for hemiplegia, i. 647.
for iritis, i. 647.
for lesions of muscles and bones, i. 648.
for nephritis, i. 648.
Wassermann Reaction and, i. 650.
vaccination in, i. 274.
workmen's accidents and, i. 547.
wounds and, i. 524.
Syphilis, with meningitis invasion, vi. 554.
Syphilitic acne, i. 578.
alopecia, i. 581, 582.
carriers, isolation of, i. 670, 673, 675.
chancre, i. 536.
commencement of, i. 538.
diagnosis of, i. 545.
complement-fixation test in, i. i. 554.
evolution of chancre and, i. 547.
objective signs in, i. 545.
patient's antecedents in, i. 547.
secondary symptoms in, i. 547.
laboratory aid in, i. 549.
parasite in, examination for, i. 549.
Wassermann reaction in, i. 554.
diagnostic elements of, i. 535.
differential diagnosis of, i. 557.
from genital herpes, i. 557.
from simple chancre, i. 558.
from ecthyma, i. 561.
from scabies, i. 561.
from common excoriations of genital organs, i. 562.
from gangrene of genital organs, i. 562.
from ulcerations induced with object of simulation, i. 563.
from erosive and ulcerous balanitis, i. 564.
from epithelioma, i. 564.
from mucous plaques, i. 564.
from pseudo-chancre, i. 566.
from tertiary ulcerations, i. 565.
evolution of, i. 543.

Syphilitic chancre, inoculation of, i. 542.
localisation of, causes, i. 537.
multiple, i. 542.
novarsenobenzol and, i. 619.
recurrent, i. 567.
single, i. 542.
stage of maturity of, i. 538.
treatment of, i. 642, 643.
unsuitable remedies applied to, i. 545, 546.
Syphilitic eruptions, i. 520.
lesions, diagnosis of, i. 536.
mortality, i. 525, 526.
and female labor, i. 519.
Syphilitic patients and furlough, i. 675, 676.
roseola, diagnosis of, i. 575.
typhosis, i. 104.
Systolic pressure, ii. 363.
method of measuring, Riva-Rocci and Vaquez, ii. 530.
Syringe, Pravaz, for exploratory puncture in pleuro-pulmonary wounds, vi. 791.

T. A. B. Vaccine, i. 268, 276–78.
Tabardillo, i. 487.
Tabes, lumbar puncture in, vi. 586.
mental disorders in, vi. 585.
recognition of cases of, vi. 586.
Tabetic mental disorder, types of, vi. 586.
Tachycardia, ii. 422, 438, 822.
Tachycardia, in connection with shell-shock, vi. 525.
Tachypnœa, ii. 439, 820.
paroxysmal, hysterical, ii. 821.
Tactile anæsthesia, ii. 74, 75.
discrimination, ii. 252.
sensibility, disappearance of, ii. 259.
Tactile sensations in wounds of brain, iii. 575.
Tampons, vi. 11.
Tampons of aseptic gauze, iv. 28.
Tangential wounds of skull, iii. 769.
Tarlatan, use of, iv. 372.
Tarnier Clinic, i. 529, 530.
Tarso-metatarsal joint of Lisfranc, vi. 258.
Tarsus, excision of, iv. 259.
incisions used in resection of, iv. 262.
the dorsal tumor of, ii. 182.
Tartois on laparotomy, iii. 315.
Taste, alteration and examination of, ii. 224, 225.
Tattooing, for localisation of important points on skin, v. 89.
needles, v. 89.
pencil, for localising important points on skin, v. 89.
Tauleigne-Mazo's radiostereometer, v. 241.
Tears, ii. 439.
Technics, older methods incompetent, iv. 34.
Technique of antitoxin injections in tetanus, i. 924.
of intramuscular injections, i. 607, 608.
of intravencus injections, i. 652.
Technique, percussion, graphic method, ii. 540.
Telephone probe, v. 166, 372.
Teleradiography, definition of, v. 47.
Teleradioscopy, definition of, v. 47.
Temperature, disorders of, in cholera, i. 383.
in paratyphoid fevers, i. 56, 82, 85.
in second phase of primary paludism in malaria, i. 962.
apyrexia between attacks in, i. 967, 968.
irregular fever in, i. 967.
isolated attacks in, i. 965.
occurrence of attacks in, i. 967.
quotidian intermittent fever in, i. 965.
remittent continued fever in, i. 962.
tertian attacks in, i. 965.
in secondary paludism in malaria, i. 1008.
irregular fever in, i. 1011.
isolated fits of fever in, i. 1010.
quotidian intermittent fever in, i. 1010.
septan fever in, i. 1010.
tertian intermittent fever in, i. 1008.
in typhoid fever, i. 5, 7, 52, 131, 149.
amphibolic stage of, i. 52, 55.
antipyretic measures in, i. 133.
chief guide to treatment of typhoid fever, i. 3.
complications affecting, i. 57.
in height of disease, i. 54.
in incubation period, i. 53.
in onset, i. 53.
in period of defervescence, i. 55.
ordinary course of, in normal fever, i. 53.
relation of, to pulse, i. 57.

Temperature, disorders of, in typhoid fever, relations of pulse to, i. 57.
variations in, i. 56.
in vasomotor disturbances, ii. 215.
local, towering of, ii. 292.
of limb, ii. 14.
Tempero-facial nerve, ii. 222.
division of, ii. 222.
Temporary incapacity, appliance for, ii. 331.
Temporal lobe, as auditory centre, iii. 654.
wounds of, iii. 652
anatomy of, iii. 652.
convolutions of lobe in, iii. 653.
location of lobe in, iii. 652.
complications of, iii. 660.
lesions of auditory apparatus, iii. 660.
course of, iii. 661.
physiology of, iii. 654.
prognosis of, iii. 661.
symptoms of, iii. 655.
of deep wounds, iii. 658.
in lesions of optic radiation and optic tract, iii. 659.
in lesions of optic thalamus and of cerebral peduncles, iii. 658.
of superficial wounds, iii. 655.
aphasia of Wernicke or sensory aphasia, iii. 657.
cortical deafness, iii. 655.
pure word-deafness, iii. 655.
Temporary closure of wounds of blood vessels, iii. 33.
Temporo-mandibular joints, mobility of, iv. 698.
Temporo-parietal region, contusion of, iii. 737.
Tendo Achillis, bullet wound in, iv. 234.
elongation of, vi. 349, 370, 385.
jerk, the, ii. 11.
shortening of, vi. 335.
Tendon, and muscle, division of, vi. 335.
and muscles, severance of, vi. 173.
fixation in paralysis due to lesion of external popliteal, vi. 394.
transplantation, technique of, vi. 370.
transplantation of, in orthopædic surgery, vi. 379.
Tendon reflexes, ii. 10, 11, 39, 368, 411, 418.
exaggeration of, ii. 99, 131, 153, 164, 505, 537, 559, 570.
Tendon reflexes, exaggeration of, Charcot on, ii. 569
relation to reflex action, (Charcot), ii. 569.
under chloroform narcosis, ii. 505.
in paralysis with contractures, ii. 364.
in purely hysterical paralyses, ii. 416.
in wounds of brain, iii. 570.
Tendons, after-effects of wounds in, v. 707.
of joints, lesions of, v. 711.
treatment of, v. 726.
Tenesmus in dysentery, i. 296.
Tensor fasciæ femoris, ii. 198, 200.
Teres major, ii. 129, 131.
minor, ii. 129.
Terminal phalanx, loss of, vi. 232.
scar, avoiding of, vi. 230.
Terror, etiology of, ii. 824.
fit of, ii. 824.
not synonymous with cowardice, ii. 825.
Tertian intermittent fever in second attacks of primary paludism, i. 865.
in secondary paludism in malaria, i. 1008.
Tertiary lesions in syphilis, diagnosis of, i. 589, 590.
syphilides, i. 557.
syphilis, i. 588.
diagnosis of, i. 589.
localisation of, i. 589.
ulcerations in syphilis, i. 565.
Testicle, i. 72.
Testicular atrophy, i. 531.
Tetanic bacillus, i. (*See* Nicolaïer's bacillus.)
Tetanolysin, i. 824.
Tetanus, abnormal forms of, summary of, i. 915.
attentuated, developing slowly with prolonged incubation, i. 919.
cephalic, i. 914.
non-paralytic, i. 914.
paralytic, i. 915.
with ophthalmoplegia, i. 916.
with paralysis of the hypoglossal, i. 916.
localised abdomino-thoracic type, i. 918.
of limbs, i. 917.
monoplegic, i. 917.
paraplegic, i. 918.

Tetanus, splanchnic, i. 914.
unilateral, i. 916.
antitoxin, i. 920, 923.
dosage of, i. 923, 926.
paths of injection of, i. 923, 926.
attenuated, with slow development and prolonged incubation, i. 919.
atypical forms of, i. 707. (*See also* forms by name.)
cephalic, i. 707, 709.
non-paralytic, i. 709.
summary of, i. 916.
paralytic, summary of, i. 916.
varieties of, i. 707–708.
with facial paralysis, i. 712.
age and sex in occurrence of, i. 715.
antitetanic injection of wound in, i. 728.
bacteriology of, i. 726.
characteristics of, i. 712.
clinical picture in, i. 715.
diagnosis of, i. 727.
from tic douloureux, i. 727.
from traumatic spasms, i. 727–728.
in infectious wounds of face, i. 728.
in unilateral symptoms, i. 727.
Tetanus, v, viii.
Tetanus, abortive, differentiation of, ii. 737.
differential diagnosis of, ii. 729.
late and reflex contracture, ii. 613.
Tetanus, cephalic, with facial paralysis, diagnosis of, duration of, i. 726.
etiology and frequency of, i. 714.
facial paralysis in, i. 721.
clinical characters of, i. 721.
in complete peripheral facial paralysis, i. 722.
in lower facial type, i. 722.
in superior facial type, i. 723.
in total facial paralysis, i. 723.
commencement of, i. 721.
development of, i. 724.
diagnosis of, i. 724.
pathogenesis of, i. 725.
prognosis in, i. 724.
situation of, i. 721.
fever in, i. 725.
history of, i. 713.
Tetanus, cephalic, incubation in, i. 718.
individual signs in, i. 717.
muscular contractions in, i. 719.
degree of, i. 719.
extension of, i. 720.
in paralysed muscles, i. 719.
in side not paralysed, i. 720.
prognosis of, i. 726.
situation of wound in, i. 717.
trismus in, i. 718.
Tetanus cephalic, with ophthalmoplegia, i. 729.
clinical manifestations of, i. 731.
initial symptoms in, i. 731.
pupillary disorders in, i. 734.
situation of ophthalmoplegia in, i. 734.
symptoms of ophthalmoplegia in, 731.
diagnosis of, i. 737.
false ophthalmoplegia in, i. 737.
constancy of spasms in, i. 738.
hystero-traumatism in, i. 740.
in lesions of meningeal origin, i. 738.
cerebro-spinal meningitis in, i. 738.
tubercular meningitis in, i. 738.
in traumatic lesions, i. 739.
in traumatic fracture of orbit and base of skull in, i. 739.
etiology of, i. 730.
occupation, age sex in, i. 730.
seat of infection in, i. 730.
history of, i. 729.
pathogenesis of, i. 735.
theories of, i. 735–736.
through medium of motor nerves of the face, i. 736.
through medium of trigeminal nerve, i. 736.
prognosis of, i. 741.
summary if, i. 916.
Tetanus, cephalic, with paralysis of the hypoglossal nerve, i. 742.
course of, i. 742.
signs and symptoms of, i. 742.

Tetanus, cephalic, signs and symptoms of, facial paralysis in, i. 743.
ophthalmoplegia in, i. 743
trismus and dysphagia in, i. 742.
summary of, i. 916.
Tetanus, cephalic, without paralysis, dysphagic, i. 710.
hydrophobic, i. 711.
pure, i. 710.
simple, i. 710.
varieties of, i. 709.
Tetanus, cicatricial, i. 786.
classical form of, i. 914.
contamination of French and Flemish soil, cause of, i. 920.
curative treatment of, i. 871.
antitoxic treatment in, i. 880.
alcohol in, i. 883.
ascitic acid in, i. 884.
Bottu's mixture in, i. 886.
carbolic acid in, i. 880.
mode of action of, i. 882.
results in, i. 881.
cholesterin in, i. 884.
colloidal metals in, i. 883.
hypochlorate of betain, i. 884.
nervous opotherapy in, i. 884.
salvarsan in, i. 883.
sodium persulphate in, i. 885, 926.
local treatment of wound in, i. 871.
procedure recommended in, i. 907.
serotherapy in, i. 872.
injections in contact with wound in, i. 880.
Tetanus, complete faradic, production of, vi. 19.
incomplete faradic, production of, vi. 19.
physiological, complete, production of, vi. 19.
incomplete, production of, vi. 19.
production of, vi. 19.
Tetanus, curative treatment of, serotherapy in, intraarterial injections in, i. 877.
intracerebral injections in, i. 878.
intramuscular injections in, i. 875.
intranervous injections in, i. 879.
intravenous injections in, i. 875.
paranervous injections in, i. 880.
Tetanus, curative treatment of, pararadicular injections in, i. 880.
subarachnoid injections in, i. 878.
subcutaneous injections in, i. 874, 880.
value of, i. 872.
sulphate of magnesium in, i. 894, 925.
action of, on circulation, i. 897.
experimental action of, i. 894.
influence of, on body temperature, i. 896.
mechanism of action of, and dosage, i. 897.
clinical results in, i. 900.
experimental results in, i. 900.
intrarachidian injections in, i. 899.
intravenous injections in, i. 897.
subcutaneous injections in, i. 897.
mode of administration of, and dosage, i. 902.
intrarachidian injections in, i. 903.
intravenous injections in, i. 904.
subcutaneous injections in, i. 902.
surgical measures in, i. 905.
bilateral phrenicotomy in, i. 905.
tracheotomy in, i. 905.
symptomatic, i. 887.
hygiene in, i. 887.
sedatives in, i. 889.
belladonna, i. 889.
chloral, i. 889.
curare, i. 889, 925.
ether, i. 889.
hyoscamus, i. 889.
Tetanus, curative treatment of, symptomatic, sedatives in morphin, i. 889.
potassium bromide, i. 889.
warm baths in, i, 888.
ultra violet light in, i. 925.
Tetanus, following exposure to cold and wet, i. 921.
gas gangrene coincident with, i. 920.
general treatment of patients in, i. 925, 926.
importance of foot-wear in, i. 921.
in typhoid fever, i. 18.

Tetanus, incubation period in, i. 922.
insidious onset of, i. 922.
late appearance of, i. 922.
Tetanus, local, abdomino-thoracic form of, i. 811.
case, P. L. Marie, i. 811.
development of, i. 815.
mode of entrance in, i. 814.
pathogenesis of, i. 815.
attenuated forms of, with slow development and prolonged incubation, i. 817.
pathogenesis of, i. 817.
symptoms of, i. 817.
facial expression in, i. 818.
hyper-excitability of muscles and nerves in, i. 819.
muscular hypertonia in, i. 818.
definition of, i. 781.
development of, i. 837.
nature of, sub-acute or chronic, i. 837.
period of onset of, i. 838.
second period of, or period of permanent, non-painful contractures, i. 838.
third period of, i. 839.
etiology of, i. 821.
adjuvant factors in, i. 832.
atmospheric conditions, i. 832.
cold, i. 832.
humidity, i. 832.
chemical substances, i. 833.
secondary infection, i. 832.
casual agent in (Nicolaïer's bacillus), i. 821.
biological properties of, i. 823.
agglutinability in, i. 824.
gas formation in, i. 824.
hæmolysia in, i. 824.
indol formation in, i. 824.
vitality in, i. 823.
Tetanus, local, etiology of, casual agent in, cultures of, i. 822.
experimental pathogenic action of, i. 824.
inoculation with pure cultures in, i. 825.
inoculation with tetaniferous pus or soil in, i. 825.
isolation and cultivation of, i. 821.
mobility of, i. 822.
morphology of, i. 822.
Tetanus, local, etiology of, casual agent in, staining of, i. 822.
direct contact in, i. 834.
habitat of bacillus in, i. 828.
soil as, i. 828.
in European war regions, i. 829.
straw as, i. 830.
infection of wound in, action of, i. 830.
nature of wound in, i. 831.
situation of wound in, i. 831.
toxin in, i. 826.
method of preparation of, i. 826.
mode of action of, i. 827.
nature and properties of, i. 826.
forms of, i. 780.
frequency of, i. 820.
history of, i. 780.
monoplegic form of, i. 783.
diagnosis of, i. 796.
bacteriological examination for bacillus in, i. 796.
differential diagnosis of, i. 797.
from acute strychnine, poisoning, i. 802.
from contractures or pseudo-contractures following lesions, i. 799.
from contractures of tetany, i. 800.
forcible extension and flexion of lower limbs in, i. 802.
Chvostek's sign in, i. 801.
hyperexcitability of muscles and nerves to galvanism in, i. 802.
Trousseau's sign in, i. 801.
Weiss's sign in, i. 801.
from excitation or irritation of motor and mixed nerves due to lesions, i. 798.
Tetanus, local, monoplegic form of, differential diagnosis of, from hysterial contractures, i. 803.
from incomplete hemiplegia, i. 798.
from spasmodic monoplegia of cerebral or medullary origin, i. 798.
period of acme in, i. 790.
blood in, i. 795.
cerebro-spinal fluid in, i. 795.

Tetanus, local, period of acme in, contractures in, i. 790, 791.
clonic movements in, i. 791.
generalised tonic form (rigidity) of, i. 791.
general indications in, i. 793.
facial aspect in, i. 794.
hypersensitiveness in, i. 794.
pulse in, i. 794.
respiration in, i. 794.
urine in, i. 794.
pain in, i. 790.
reflexes in, i. 795.
summary of, i. 795.
period of incubation in, i. 793.
in early or precocious tetanus, i. 783.
in late-appearing tetanus, i. 784.
due to surgical traumatism, i. 784, 785.
explanation of, i. 784.
period of onset in, i. 785.
general symptoms in, i. 788.
exaggeration of reflexes in, i. 789.
facial expression in, i. 789.
temperature in, i. 789.
local signs in, i. 786.
cramps in, i. 787.
pain in, i. 786.
skin in, i. 786.
spasms in, i. 786–787.
stiffness in, i. 788.
summary of symptoms in, i. 790.
Tetanus, local, paraplegic form of, i. 805.
diagnosis of, i. 809.
differential diagnosis of, from cerebro-spinal meningitis, i. 809.
Tetanus, local, paraplegic form of, symptomatology of, i. 805.
in inferior type, i. 806.
contractures of limbs in, i. 806.
muscular rigidity of abdominal wall in, i. 806.
in superior type, i. 807.
pain in, i. 807.
reflexes in, i. 808.
summary of, i. 808.
temperature in, i. 808.
types of, i. 805.
paraplegic onset of, i. 781.
Tetanus, local, pathogenesis of, i. 834.
factors in, i. 835.
mode of arrest in, i. 835.
process of, i. 834.
prognosis of, i. 840.
abdominal muscular contracture in, i. 842.
deglutination in, i. 843.
in atypical form, i. 840.
localisation in, i. 840.
period of incubation in, i. 841.
temperature in, i. 840.
in classical form, i. 841.
pulse in, i. 842.
temperature in, i. 842.
other bacteria in, i. 843.
summary of, i. 843.
Tetanus, localised abdomino-thoracic type of, summary of, i. 918.
mortality in, i. 920.
of limbs, i. 745.
atypical forms of, i. 745.
cases of, i. 746.
summary of, i. 917.
monoplegic type, i. 917.
paraplegic type, i. 918.
pathway of infection in, i. 922.
predisposing conditions in, i. 921.
pre-existing œdema in, i. 921.
present status of knowledge on, i. 922.
prognosis of, i. 922–926.
prophylactic treatment of, i. 845.
cold in, prevention against, i. 852.
contagion in, i. 851.
local treatment in, i. 846.
amputations in, i. 846.
antisepsis in, i. 847.
antitetanic serum in, desiccated and powdered, i. 849.
Tetanus, local, prophylactic treatment of, antisepsis in, chemical agents for, i. 847.
calcium hypochloride in, i. 849.
oxygen, i. 847.
tincture of iodine, i. 847.
physical agents in, i. 849.
hot or cold air, i. 849.
light, i. 850.
search for projectiles in, i. 846.
serotherapy in, i. 852, 920, 922.
abuse of heterogeneous serums in, i. 864.

Tetanus, local, antitetanic serum in, i. 852.
anaphylaxis from, i. 869.
anti-anaphylactic measures in, i. 864, 865.
dosage in, i. 870.
efficacy of, i. 865.
history of, i. 852.
innocuousness of, i. 858.
preparation of, i. 853.
properties of, i. 854.
antitoxic, i. 854.
prophylactic, i. 855.
rules of injection of, i. 867.
salol as adjuvant in, i. 871.
symptoms due to first injection of, i. 858.
eruptions, i. 858.
fatal, i. 860.
serum sickness, i. 869.
symptoms due to re-injection of, i. 861, 869.
immediate, i. 861, 869.
late-appearing, i. 861, 870.
splanchnic, i. 707, 708, 921.
clinical manifestations of, i. 708.
course and prognosis of, i. 709.
summary of, i. 914.
treatment of, i. 845, 922–936.
war cases in, i. 746 *et seq.*
unilateral, i. 743, 916.
Tetany, clinical, resemblance to reflex contractures, ii. 527.
infantile, Escherich's description, ii. 528.
Tetany, complicating paratyphoid fevers, i. 90.
differentiation of, from monoplegic form of local tetanus, i. 800.
Chvostek's sign in, i. 801.
forcible extension and flexion of lower limbs in, i. 802.
hyperexcitability of muscles and nerves to galvanism in, i. 802.
Trousseau's sign in, i. 801.
Weiss's sign in, i. 801.
Tetraoxydiphosphaminodiarsenbenzene, i. 636.
Thenar eminence, innervation of muscles of, ii. 281.
muscles, the, ii. 13, 54.
fibres for, ii. 353.
hyperexcitability in, ii. 365.
paralysis of, ii. 59.
Therapeutic indications, primary, in shoulder wounds, iv. 105.
elbow wounds, iv. 134.
wrist wounds, iv. 171.
hip wounds, iv. 187.
knee wounds, iv. 206.
ankle wounds, iv. 238.
foot wounds, iv. 256.
Thermal disturbances and symptoms, ii. 76, 165, 176.
as signs of severe lesions, ii. 291.
Thermal sensations in wounds of brain, iii. 578.
Thermotherapy, trial of, ii. 637.
Thick drop method in blood examination, i. 1033.
Thigh, abduction of, ii. 200.
cutaneous nerve of, ii. 197.
extension on the pelvis, ii. 200.
flexion and abduction of the, ii. 521.
on the pelvis, ii. 199.
Thigh, amputation of, circular method of, v. 389.
artificial limbs for amputations through, with bearing upon ischium, v. 412.
without bearing upon ischium, v. 440.
combined mechanism for knee and ankle joints, v. 435.
conversion of articulated peg leg into leg with free knee movement and *vice versa*. v. 438.
peg leg and similar appliances, v. 408.
shape of top of bucket, v. 393.
suspension of thigh piece, v. 401.
modes of, v. 412.
walking with free flexion of knee, v. 413.
leather and steel, v. 400.
projectiles in, v. 270, 351.
wooden, v. 397.
Thigh, amputation of, consequent on wounds of knee, iv. 204.
Thigh bucket, shape of, v. 393.
Thigh corset, v. 453.
Thigh piece, for artificial limb, suspension of, v. 401.
by means of braces, v. 404.
by means of a waist belt, v. 402.
combined method of, v. 406.
Thomas, Andre, observations of, ii. 220.
on recovery of sensation, ii. 255.
Thomas and Rothman, animal experimentation on function of cerebellum, iii. 710.

Thomas passive movement tests for localising cerebellar cortical symptoms, iii. 722.
Thomson, vaccination against bacillary dysentery, i. 376.
Thoracic nerve, ii. 125.
Thoracic deformities in pleuro-pulmonary wounds, vi. 873.
Thoracico-abdominal wounds, iii. 461.
laparotomy in, iii. 513, 519.
Thoracotomy with rib-resection in infection of pleura, vi. 854.
in infection of pleura, after-treatment of, vi. 860.
in infection of pleura, technique of, vi. 854.
Thorax, closed, intermediate cases, treatment of, vi. 785.
operation in, flap method, vi. 805.
resection of rib in, vi. 807.
prognosis in, vi. 799.
severe cases, symptoms of, vi. 797.
slight cases, treatment of, vi. 784.
immediate removal of projectiles from, vi. 815.
open, indications for operation in, vi. 803.
open wounds of, injuries of pleura in, vi. 687.
secondary hæmoptysis in, vi. 822.
treatment of simple hernia of lung in, vi. 821.
Thorax, projectiles in, v. 336, 351.
localisation of, v. 254.
search for foreign bodies in, v. 124.
wounds of, with pleural hæmorrhages, spontaneous arrest in, iii. 62–63.
Three-day fever in typhoid, i. 232.
Threshold, meaning of, vi. 15.
stimulus, definition of, vi. 15.
Throat, sore, in syphilis, i. 521.
Thrombo-phlebitis, i. 43.
Thrombosis, venous in typhoid, i. 22.
Thrush in typhoid, i. 27.
in syphilis, i. 583.
Thumb, abduction of the, ii. 605.
extension of, ii. 34.
impossible in musculo-spiral paralysis, ii. 33.
inner sesamoid muscles of, ii. 93.
the, abduction of, ii. 280, 603.
Thumb, automatic, v. 478.
Beaufort, v. 479.
spring grip, v. 477.
Thyroid cartilage, pain on pressure, ii. 226.
gland, in typhoid, i. 72.
Tibia, appliances with bearing upon tuberosities of, v. 447.
pseudarthrosis of, v. 574.
pseudo-arthrosis of, prognosis in, vi. 451.
Tibia, fracture of, iv. 205, 574.
Tibial vessels, anterior, wounds of, iii. 256, 257.
diffuse hæmatoma in, iii. 257.
incision in, iii. 256, 258.
posterior, iii. 255.
diffuse hæmatoma in, iii. 256.
physical signs of, iii. 255.
repair in, iii. 257.
Tibialis anticus, ii. 156, 157, 159, 172, 183, 187.
muscle localisation of fibres for, ii. 354.
posticus, ii. 162.
localisation of fibres in, ii. 354.
Tibio-tarsal joint, nerve-supply of, ii. 402.
Tic douloureux differentiated from cephalic tetanus with facial paralysis, i. 727.
Tics, ii. 772 *et seq.*
tremors and choreiform movements, ii. 765 *et seq.*
Timofeew, organ of, ii. 85, 181.
Tincture of iodine, i. 593.
Tinel, on formication (fourmillement), ii. 256.
on reflex disorders, ii. 512.
Tinel's statistics of suture and nerve grafts, ii. 308.
Tinnitus, due to labyrinthine concussion, v. 904.
Tinnitus in syphilis, i. 586, 633.
Tirah campaign, laparotomy in, iii. 279.
Tisserand on laparotomy, iii. 319.
Tissue, laceration of, in pleuro-pulmonary wounds, vi. 699.
subcutaneous, and skin, in pleuro-pulmonary wounds, vi. 683.
Tissues, elasticity of, v. 290.
Tobacco, suppression of, in syphilis, i. 666.
Toe, simple permant flexion of terminal joint of, vi. 233.
Toes, ankylosis of, vi. 233.
ankylosis of, amputation in, vi. 233.
claw, ii. 521.
extensors of the, localisation of fibres for, ii. 354.

Toes, ankylosis of, malposition of, avoidance of, iv. 251.
movements of the, ii. 520.
signs of regeneration in, ii. 300.
treatment in, vi. 233.
Tongue, lesions of, in syphilis, i. 583.
in typhus exanthematicus, i. 462.
the, hemiparesis of, ii. 226.
Tonics in typhoid, i. 143.
Tonkin campaign, laparotomy in, iii. 278.
Tonsil, chancre of, i. 570, 571, 644.
and the typhoid bacillus, i. 175.
Tooth, extraction, favouring union of fractured mandible, iv. 625.
Topo-paræsthesia, cicatricial, ii. 257, 296.
Torticollis, congenital, v. 713.
Total paralysis of muscles, ii. 290.
Toubert on treatment of abdominal wounds, iii. 285.
Tourniquet, i. 654, 655.
gangrene following, iii. 31.
indications and contra-indications for, iii. 31.
use of, for closure of wounds of blood vessels, iii. 30.
Tours, epidemics of typhoid fever at, i. 242, 254, 272, 288.
Toxic symptoms with joint infection, iv. 3.
Toxin of tetanus, i. 826.
destruction of, by light rays, i. 850.
method of preparation of, i. 826.
mode of action of, i. 827.
nature and properties of, i. 826.
Trachea, foreign bodies in, v. 258.
Tracheotomy in treatment of tetanus, i. 905.
to be condemned, as means of relieving dyspnœa, iv. 630, 664–665.
Tracing boards, Blondin's, v. 216.
Trade, useful, after nerve lesions, ii. 323–4, 326.
Tram driver's bell, v. 505.
"Trance" state, ii. 834.
Transfusion in cholera, i. 407, 408.
Transfusion of blood in treatment of acute anæmia following extensive wounds of blood vessels, iii. 50.
direct, by means of Elsberg's canula, iii. 51.
canula in, iii. 53.
Transfusion of blood in treatment of acute anæmia following extensive wounds of blood vessels, direct, incision in, iii. 53.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.
Translesional nodule, the, ii. 241.
Transparency of bodies, v. 27.
tables of equivalents, Benoist's, v. 108.
Transparent media of eyeball, lesions of, iv. 882.
Transplantation, iv. 941, 944, 950, 953.
of tendons in orthopædic surgery, vi. 379.
tendon, technique of, vi. 370.
Transport of wounded in wounds of skull, iii. 768.
Transvaal War, enteric (typhoid fever) cases in, i. 162.
Transverse colon, wounds of, healing spontaneously, iii. 350.
not healing spontaneously, iii. 363.
Trapezius muscle, the, ii. 127.
contracture of, ii. 151.
nerve to, ii. 126.
Trauma and nervous symptoms, interval between, ii. 593.
Traumatic apoplexy, differentiation of, from brain abscess in wounds of skull, iii. 750.
Traumatic cerebral lesions, special cases, vi. 577.
effusion in pleuro-pulmonary wounds, vi. 759.
in pleuro-pulmonary wounds, clinical types of, vi. 760.
hæmatomata, occurrence of inflammatory changes in, vi. 757.
neurasthenics, vi. 501.
pneumonia, vi. 703, 756.
paralysis of nerves, vi. 117.
pulmonary abscess, evolution of, vi. 848.
abscess, prognosis of, vi. 848.
tuberculous pleurisy, from pleuro-pulmonary wounds, vi. 762.

Traumatic hæmorrhages into the orbit, iv. 872–879.
Traumatic lesions, cephalic tetanus with ophthalmoplegia differentiated from, i. 739.
spasms of face, differentiation of, from cephalic tetanus with facial paralysis, i. 727.
Traumatic lesions of extrinsic and intrinsic muscles, iv. 879.
Traumatic neuropathology, contractures without direct injury to nerve-trunk, ii. 377.
lesions of brain, symptomatology, ii. 845.
neuroses, ii. 846.
Traumatic ulcerations in syphilis, i. 557.
Traumatism and hystero-traumatism, ii. 449, 450.
and tuberculosis, consideration of, vi. 880.
Travelling splints, iv. 161.
Treatment of fractures, 1 *et seq.*
of fractured mandible, elementary principles, iv. 659.
Treatment of psychoneuroses, ii. 871.
environment in, ii. 876.
methods of, ii. 878.
rôle of the patient in, ii. 875.
rôle of the physician in, ii. 872.
of shell shock, Garton's method, ii. 867.
Tremophobia, ii. 471, 769.
as a mental complication in shell-shock, vi. 525.
Tremor, etiology of, ii. 774.
intentional, iii. 717.
localised or hemiplegic, importance of examination in, vi. 585.
Tremors, ii. 470, 559, 767–71.
and tics, differential diagnosis of, ii. 765–6, 775.
usually isolated cases, ii. 766.
atypical, ii. 767.
generalised, ii. 768.
onset of, ii. 766.
tics and choreiform movements, ii. 765 *et seq.*
typical, ii. 770.
disseminated sclerosis type, ii. 771.
pseudo-cerebellar type, ii. 771.
pseudo-choreiform types, ii. 771.
pseudo-Parkinsonian type, ii. 770.
usually attributed to hysteria, ii. 470.
Tremors, in typhoid, i. 60.
jerkings and vicious attitudes, in shell-shock, vi. 524.
Trench diarrhœa, i. 308, 311, 369.
engines, v. 139.
helmet, reduction in wounds of skull due to, iii. 767.
knife, abdominal wound of, iii. 332.
Trenches, typhoid contagion in, i. 250.
Trephining, iv. 960, 962, 963, 977.
psychical state following, ii. 848.
wide, in wounds of skull, iii. 818, 819.
Treponema pallidum, i. 549, 551, 552.
microscopical examination of, i. 550.
by Giemsa's method, i. 550.
ultra-microscope method, i. 49.
Treves on laparotomy, iii. 280.
Triangulation, Andrault and Barret process of, v. 205.
geometrical, v. 142.
particular cases of, v. 202.
Pierre process of, v. 204.
Triceps brachialis reflex in wounds of brain, iii. 571.
Triceps, the, ii. 28.
reflex, ii. 10, 39, 63, 134.
Trichomonas intestinalis, i. 368.
Trigeminal nerve, ii. 219.
"sympathetic" syndrome, ii. 221.
distribution of, ii. 220.
lesions of the, iv. 855–856.
neuralgia, Sicard's treatment of, ii. 320.
origin of infection in cephalic tetanus with ophthalmoplegia through, i. 736.
Tripier's rake, description and use of, vi. 13.
Trismus in cephalic tetanus with facial paralysis, i. 718.
Trocar, electric, v. 371.
Trochanters, fracture through, iv. 186.
Troops, pamphlets on syphilis for, i. 660.
Trophic action of nerve fibres, ii. 86–7.
changes and disorders, ii. 14, 189, 211, 488.
in ulnar paralysis, ii. 101.
in severe lesions of nerves, ii. 295, 296.
disorders, elements of diagnosis in, ii. 499.
secretory, ii. 562.

Trophic troubles, iv. 925–926, 928.
Trough splints, iv. 368.
Trouvé's electric explorer-extractor, v. 370.
True and complete ankylosis, joint resection in, vi. 219, 227.
ankylosis of intra-articular origin, vi. 217.
Trumpeting in relation to deafness, ii. 481.
Trunk, the, ii. 123.
contractures of, ii. 737.
Trunk, paralysis tests in, in wounds of brain, iii. 569.
Tube stands, v. 76.
Tubes, X-ray producing, v. *See* X-ray tubes.
Tubercular meningitis, manifestations of, differentiated from cephalic tetanus with ophthalmoplegia, i. 738.
Tuberculosis and syphilis, i. 518.
follicular, i. 579.
in typhoid fever, i. 17.
military, i. 100.
question of vaccination in, i. 274.
Tuberculosis, as a factor in mental depression, vi. 487.
and traumatism, consideration of, vi. 880.
meningeal, and mental confusion, vi. 554.
pulmonary, as a sequela of pleuro-pulmonary wounds, vi. 880.
Tuberculous meningitis, difficulty of diagnosis, i. 104.
Tuberculous synovitis, ii. 418.
Tuffier on Chevassu's report on abstention methods in abdominal wounds, iii. 322.
on laparotomy, iii. 303, 309.
Tumefaction of chancre, i. 542.
Tumor of the wrist, ii. 42.
Tumors, cerebellar, disturbances of hearing and of equilibriation in, vi. 584.
lumbar puncture in, vi. 584.
cerebral, differentiated from mental confusion, vi. 584.
mental disorders in, vi. 584.
Tungsten disc, v. 8.
Tuning fork, deep-toned, v. 954.
high-pitched, v. 956.
in examination for deafness, v. 954.
test of auditory apparatus, iii. 583.
unisonant, of Escat, v. 990.
Tunis expedition, dysentery in, i. 340.
mortality from typhoid in, i. 21, 161.
recrudescence of typhoid fever in the, i. 174.
Turco-Russian War, typhoid infection in, i. 161, 207.
Turkey, cholera in, i. 412.
Tympanic membrane and cavity, wounds of, anatomical course of, v. 854.
aseptic, v. 854.
symptoms of, v. 856.
treatment of, v. 862.
contusion, v. 853.
deafness due to, v. 856.
diagnosis of, v. 862.
etiology of, v. 851.
examination, objective, v. 857.
examination of hearing, v. 857.
infected, v. 855.
other lesions due to, v. 856.
otorrhagia due to, v. 856.
pathogenesis of, v. 852.
pathological anatomy of, v. 853.
prognosis of, v. 861.
rupture of membrane, v. 853.
suppurative, symptoms of, v. 859.
treatment of, v. 865.
symptoms of, v. 856.
treatment of, v. 862.
immediate, v. 862.
later, v. 863.
Tympanic prothesis, v. 863.
"Typhisation in small doses," i. 466.
Typhoid bacillus, i. 164, 175 *et seq.*
cultural reactions of, i. 113.
differentiated from paratyphoid bacilli A and B, and bacillus coli, i. 113, 114–115.
agglutinability in, i. 116.
intermediate bacilli in, i. 117.
bacillus fæcales alkaligenes and, i. 117.
direct transmission of, i. 198 *et seq.*
epidemics due to, i. 254.
inert factors in transmission of, i. 204 *et seq.* (*See also* Carriers.)
influence of heat on, i. 205.
intermediate bacilli and, i. 117.
investigation of the, i. 107 *et seq.*
life of, i. 205.
microscopical, examination of, i. 113.

Typhoid bacillus, milk as conveyor of, i. 238. (*See also* Milk.)
occurrence of, in body, i. 108.
opsonic index for, i. 121.
reaction of fixation of complement in test for, i. 121.
Typhoid bacillus, technique of blood culture of, i. 111.
technique of isolation of, from bile, i. 110.
from fæces, i. 108.
from lenticular rose spots, i. 109.
Widal's serum test in diagnosis of, i. 118.
in non-vaccinated, i. 118.
in vaccinated, i. 119.
bacteriuria, i. 110.
Typhoid fever, v.
abdominal pain and tenderness in, i. 30.
abortive, i. 10.
abscesses and phlegmons in, treatment of, i. 147.
age and sex affected, i. 12 *et seq.*, 170, 171, 225.
alcohol in, i. 143.
amphibolic stage in temperature in, i. 55.
analysis of symptoms and complications, i. 26.
and the nervous system, i. 58.
antipyretic measures in, i. 133.
by external applications, i. 133.
affusions in, i. 133.
baths in, i. 134.
Brand's method of giving, i. 134.
hot, i. 137.
warm, gradually chilled, i. 136.
warm or tepid, i. 136.
compresses in, i. 138.
rectal enemata in, i. 138.
rectal instillations in, i. 138.
refrigeration of cold air in, i. 138.
sponging in, i. 133.
wet packs in, i. 134.
by internal medication, i. 140.
antipyrine in, i. 140.
cryogenine in, i. 140.
pyramidon in, i. 140.
quinine in, i. 140.
antiseptic medication in, i. 142.
appearance of tongue in, i. 26.
appetite in, i. 26.
apyretic form of, i. 12.
Typhoid fever, arteries in, i. 44.
arteritis, i. 44.
arthritic form of, i. 9.
arthritis in, monarticular, i. 75.
associated with malaria, i. 1016.
ataxo-dynamic, i. 12.
bedsores in, treatment of, 147.
bilious, i. 9.
Typhoid fever, bladder in, i. 70.
bleeding in treatment of, i. 141.
blood in, i. 45 *et seq.*
bronchial form of, i. 9.
bronchitis in, i. 39.
bucco-pharyngeal ulcerations in, i. 27–29.
cardiac complications, i. 146.
treatment of, i. 146.
carphology in, i. 60.
Chantemesse's ophthalmo-reaction in, i. 105.
children as carriers of, and susceptibility to, i. 180.
cholera in, i. 18.
cholecystitis in, i. 67.
circulatory system in, i. 41.
clinical characters of, i. 3 *et seq.*
clinical diagnosis of, i. 96 *et seq.*
clinical study of, i. 1.
complications in, i. 17, 22.
treatment of, i. 143.
compulsory notification in, i. 233.
constipation in, i. 144.
treatment of, i. 144.
contagion in, i. 179 *et seq.*
convalescence in, i. 21.
complications in, i. 22.
cutaneous complications of, i. 147.
treatment of, i. 147.
death of patients in, i. 20.
delirium in, i. 60.
diagnosis of, i. 98.
by laboratory methods, i. 107 *et seq.*
diarrhœa in, i. 26, 31, 144.
treatment of, i. 144.
diet of patients, i. 128 *et seq.*
different forms of, i. 8 *et seq.*
differentiated from paratyphoid fevers, i. 92.
from typhus, i. 100, 468.
digestive symptoms in, i. 26.
diphtheria in, i. 17.
direct contagion of, i. 198 *et seq.*
diseases with which it may be confounded, i. 98 *et seq.*
disinfection in, i. 233.
diuretics in, i. 143.

Typhoid fever, drugs for combating infection in, i. 143.
Duguet's ulcerations in, i. 28.
enteric, i. 162.
enterococcus infections and, i. 101.
epidemiology of, i. 156 *et seq.*
epidemics of, i. 209, 211, 215, 216, 223, 239, 242, 254, 272, 287, 288.
Typhoid fever, eruptions in, i. 76.
erysipelas, i. 18.
etiology, i. 164 *et seq.*
favoring causes in, i. 164 *et seq.*
age and sex factors in, i. 170.
familial predisposition in, i. 168.
racial susceptibility in, i. 168.
repeated attacks in, i. 168.
rôle of climate in, i. 166.
rôle of fatigue in, i. 173.
rôle of seasons in, i. 165.
rural *vs.* urban susceptibility in, i. 170.
susceptibility of army in, i. 172.
foci of contagion in body, i. 175.
importance of, i. 182.
in blood, i. 176.
in fæces, i. 179.
in gall-bladder, i. 178.
in intestine, i. 176.
in tonsils, i. 175.
in urine, i. 181.
in viscera, i. 177.
rôle of bacillus carriers in, i. 186.
classification of, i. 189.
biliary or fæcal carriers, i. 189.
chronic, i. 189.
urinary carriers, i. 192.
exposure to contagion by, i. 196.
history of epidemics caused by, i. 193.
precautions against, i. 195.
transmission of infection in, i. 182.
by direct agents:
by corpses, i. 184.
by pharyngeal lesions, i. 183.
by vomit and excreta, i. 183–184.
by indirect means:
by clothing, i. 205.
by country contamination, i. 206.
by flies, i. 217.
by street dirt, i. 206.
by vegetables, i. 208.
Typhoid fever, transmission of infection in, by indirect means, from beverages containing water, i. 216.
from drinking water, i. 210.
from milk, i. 217.
from oysters, i. 209.
in camps, i. 207.
Typhoid fever, exanthemata in, acute, i. 17.
febricula in, i. 11.
febrile form of, in infants, i. 14.
infections simulating, i. 100.
reactions in, i. 271, 277 (*note*).
female genital organs in, i. 73.
fixation abscess in, i. 141.
food and, i. 238.
form of, in first phase of primary paludism in malaria, i. 954.
differentiated from typhoid fever, i. 957.
general symptoms of, i. 954.
pulse in, i. 955.
temperature in, i. 955.
forms of, symptomatic, i. 9.
with special onset, i. 8.
with variations in course, i. 11.
with variations in seventy, i. 11.
frequency of, i. 156.
gangrene of skin in, i. 78.
gastric, i. 9.
symptoms in, i. 29.
gastro-intestinal form of, in infancy, i. 13.
gurgling in, intestinal, i. 30.
hæmorrhagic form of, i. 9.
headache in, i. 62.
treatment of, i. 147.
hearing in, i. 66.
height of disease in, i. 5, 8.
hepatic abscesses in, i. 68.
human factor in, i. 175 *et seq.*
hygiene of genito-urinary organs, in, i. 127.
of patients, i. 123 *et seq.*
of skin in, i. 125.
hygiene of skin in, i. 125.
hyperpyretic, i. 12.
icterus gravis and, i. 103.
importance of laboratory research in, i. 1.
in alcoholic patients, i. 18.
in aged, i. 16.
in armies, during peace, i. 158.
during war, i. 159, 248.
in Boer War, i. 162.
in Civil War, i. 160.
in European War, i. 163.

Typhoid fever, in armies, during war, in Franco-German War, i. 161.
in German Expedition against Herreros, i. 162.
in Russo-Japanese War, i. 162.
in South Oran Expedition, i. 161.
Typhoid fever in Spanish-American War, i. 161.
in Tunis Expedition, i. 161.
in Turko-Russian War, i. 161.
in cardiac diseases, i. 19.
in children, i. 12, 14.
in diabetics, i. 18.
in infancy, i. 12.
in influenza, i. 17.
in malaria, i. 18.
in pathological conditions, i. 17.
in pregnancy, i. 16.
in pulmonary diseases, i. 19.
in tuberculosis, i. 17.
incubation periods of, i. 3, 7, 179.
indirect contagion by patients or carriers in, i. 204 *et seq.*
infective endocarditis and, i. 103.
influenza and, i. 98.
injections in, i. 143.
insidious form of, i. 11.
insomnia in, i. 59.
intestinal hæmorrhage in, i. 32, 145.
treatment of, i. 145.
intestinal perforation in, i. 33, 145.
treatment of, i. 145.
intestinal symptoms in, i. 30.
isolation in, i. 232.
jaundice in, i. 66.
kidney in, i. 69.
laryngeal symptoms in, i. 38.
latent form of, i. 11.
liver and gall bladder in, i. 66 *et seq.*
lymphatic glands in, i. 73.
malaria and, i. 102, 954.
differentiation of, from typhoid fever, i. 957.
Mediterranean fever and, i. 101.
meningeal form of, i. 9.
in infants, i. 13.
meningeal syndromes in, i. 64.
mental disturbances following, i. 24, 25.
meteorism in, i. 30.
military tuberculosis and acute, i. 100.
mortality in, i. 21, 156–159.
motor troubles in, i. 63.
mouth in, i. 26, 28.
muscular rupture in, i. 74.
system in, i. 74.
Typhoid fever, myocarditis in, i. 41.
nasal symptoms in, i. 38.
nephritis, acute, and, i. 104.
nervous complications of, treatment of, i. 147.
Typhoid fever, nervous symptoms in, i. 58.
meningeal syndromes, i. 64.
motor disturbances, i. 63.
psychical disturbances, i. 60.
sensory disturbances, i. 62.
typhoid state in, i. 59.
not a purely intestinal affection, i. 1.
nourishment in, necessity of, i. 130.
opsonic index in, i. 121.
ordinary course of temperature in, i. 53.
form of, special features of, i. 7.
osseous system in, i. 75.
otitis media in suppurative, i. 66.
pancreas in, i. 72.
paralysis in, i. 64.
periostitis in, i. 75.
period of defervescence, i. 6, 8.
period of invasion or onset, i. 4, 7.
sudden beginning of, i. 8.
peritonitis in, treatment of, i. 145.
peritoneum in, i. 68.
pharyngeal ulcerations in, i. 29.
phlebitis in, i. 43.
pleural complications in, i. 40, 147.
pleurisy in, serous or hæmorrhagic, treatment of, i. 147.
pleuritic form of, i. 9.
pneumonia in, i. 18, 39.
lobar, i. 103.
pneumonic form of, i. 8.
polioencephalitis in, acute, i. 63.
prolonged, i. 10.
prophylaxis of, i. 225 *et seq.*, 231 *et seq.*, 242 *et seq.*
age in, i. 225.
bacteriological study in, i. 229.
fatigue in, i. 226.
heat in, i. 226.
hygiene in, i. 227.
in camps, i. 227.
popular education regarding, i. 229.
specific measures in, i. 231.
regarding carriers, i. 234.
regarding drinking water, i. 236.
regarding flies, i. 240.
regarding milk, cider and other beverages, i. 238.
regarding oysters, i. 239.

Typhoid fever, prophylaxis of, regarding patient, i. 232.
disinfection in, i. 233.
notification in, i. 233.
regarding vegetables, i. 238.
Typhoid fever, exanthemata in, acute, i. 17.
febricula in, i. 11.
febrile form of, in infants, i. 14.
infections simulating, i. 100.
reactions in, i. 271, 277 (*note*).
female genital organs in, i. 73.
fixation abscess in, i. 141.
food and, i. 238.
form of, in first phase of primary paludism in malaria, i. 954.
differentiated from typhoid fever, i. 957.
general symptoms of, i. 954.
pulse in, i. 955.
temperature in, i. 955.
forms of, symptomatic, i. 9.
with special onset, i. 8.
with variations in course, i. 11.
with variations in seventy, i. 11.
frequency of, i. 156.
gangrene of skin in, i. 78.
gastric, i. 9.
symptoms in, i. 29.
gastro-intestinal form of, in infancy, i. 13.
gurgling in, intestinal, i. 30.
hæmorrhagic form of, i. 9.
headache in, i. 62.
treatment of, i. 147.
hearing in, i. 66.
height of disease in, i. 5, 8.
hepatic abscess in, i. 68.
human factor in, i. 175 *et seq.*
hygiene of genito-urinary organs in, i. 127.
of patients, i. 123 *et seq.*
of skin in, i. 125.
hygiene of skin in, i. 125.
hyperpyretic, i. 12.
icterus gravis and, i. 103.
importance of laboratory research in, i. 1.
in alcoholic patients, i. 18.
in aged, i. 16.
in armies, during peace, i. 158.
during war, i. 159, 248.
in Boer War, i. 162.
in Civil War, i. 160.
in European War, i. 163.
in Franco-German War, i. 161.
in German Expedition against Herreros, i. 162.
Typhoid fever, in armies, during war, in Russo-Japanese War, i. 162.
in South Oran Expedition, i. 161.
Typhoid fever, temperature of, relation of pulse to, i. 57.
variation in, i. 56.
termination of, i. 20.
testicle in, i. 72.
tetanus in, i. 18.
thrush in, i. 27.
thyroid gland in, i. 72.
toilet of mouth and nasal fossæ in, i. 124.
tongue in, i. 27, 28.
tonics in, i. 143.
tonsils in, i. 175.
transmission of, by direct contagion, i. 198.
rôle of carriers in, i. 199–200.
rôle of hands in, i. 199.
by indirect contagion, i. 201.
rôle of carriers in, i. 201.
treatment of, i. 123 *et seq.*
of complications, i. 143.
tremors and muscular twitchings in, i. 60.
tuberculosis and, i. 17.
tuberculous meningitis and, i. 104.
typhoid bacillus in, i. 164, 175 *et seq.*
typho-tuberculosis and, i. 101.
typhus and, i. 99.
ulcerations in, bucco-pharyngeal, i. 27, 28.
urinary disorders in, i. 69, 70, 147.
treatment of, i. 147.
urine in, i. 70.
diazo-reaction in, i. 71.
vaccination in, i. 234, 236, 273.
See also Vaccination, and Vaccines.
vaccinia in, i. 17.
vaccine therapy of, i. 149.
indications and contra-indications for, i. 152.
results of, i. 153.
technique of, i. 152, 153.
vaccines used for:
bacilli killed by heat, i. 150.
polyvalent bacillary vaccine sterilised with ether, i. 151.
vaccines of living bacilli, i. 150.
various glands and systems in, i. 72 *et seq.*
variola in, i. 17.
various modes of treatment of, i. 141.

Typhoid fever, veins in, i. 43.
vision in, i. 65.
vomiting in, i. 29, 144.
treatment of, i. 144.
Vincent's spleno-diagnosis in, i. 106.
with secondary complications, i. 243.
Typhoid myelitis, i. 64.
myositis, i. 74.
phlebitis, i. 43.
pleuro-, i. 9.
pyæmia, i. 79.
septicæmia, i. 1.
state in cholera, i. 391.
nervous symptoms of, i. 59.
Typhoidal dysentery, i. 302.
Typho-malaria, i. 20.
Typho-malarial fever, i. 19, 20.
Typho-tuberculosis of Landouzy, i. 101.
Typhus, exanthematic, forms of delirium of meningitic character in, vi. 553.
Typhus exanthematicus, i. 99, 457.
clinical forms of, i. 465.
complications of, i. 464.
diagnosis of, i. 467.
differential diagnosis of, i. 468.
from cerebro-spinal meningitis, i. 469.
from influenza, i. 470.
from malarial fever, i. 469.
from measles, i. 469.
from pneumonia of apex, i. 470.
from relapsing fever, i. 469.
from Rocky Mountain spotted fever, i. 470.
from typhoid fever, i. 468.
"mixed malady" in, i. 471.
epidemiology of, i. 475–481.
epidemics of, in times of peace, i. 479.
in war-times, i. 475.
eruption of, i. 458–463.
etiology of, i. 482–496.
determining causes of, virus of typhus, i. 486.
effect of heat on, i. 493.
inoculation of, by infected blood, i. 487.
immunity of serum after recovery, i. 488.
localisation of, in leucocytes, i. 489.
predisposing causes in, i. 482.
propagation of, i. 493–494.
by famine-stricken, i. 495.
Typhus exanthematicus, etiology of, transmission of, by body lice, i. 490.
method of inoculation, i. 492.
by poluted instruments, i. 492.
history of, i. 475–481.
mortality in, i. 463.
pathogenic agent of, experimental, by inoculation, i. 486–487.
prophylaxis of, i. 497–503.
campaign against lice in, i. 499.
care of patient in, i. 497.
education in, i. 499.
isolation and disinfection in, i. 497–498.
nurses and clothing in, i. 498.
serum immunisation in, i. 499.
symptomatology of, i. 457.
period of eruption in, i. 458.
erythema in, i. 460.
exanthemata in, i. 459.
early appearance of, i. 460.
fugitive nature of, i. 460.
morbid symptoms in, i. 460.
deceptive remission of, i. 461.
second critical period of, i. 461.
delirium in, i. 461.
prostration in, i. 461.
reflexes in, i. 463.
sign of the tongue in, i. 462.
period of incubation in, i. 457.
period of invasion in, i. 458.
period of termination in, i. 463.
treatment of, i. 472–474.
intravenous infection of blood in, i. 473.
serotherapeutic, of Nicolle and Blaizot, i. 473–474.
serum injections in, i. 473.
symptomatic, i. 472.
Typhus levissimus, i. 10, 180, 466.
siderans, i. 466.

Ulceration, in amputation stumps requiring further operation, v. 585.
Ulceration in dysentery, i. 301.
dressing of, i. 330.
in syphilis, i. 562.
cigarette burns and, i. 563.
due to arsenical treatment, i. 555.
induced for simulation, i. 557.
of skin, i. 645.
tertiary, i. 565.
traumatic, i. 557.

Ulceration, in typhoid, bucco-pharyngeal, i. 27.
pharyngeal, i. 29.
treatment of, i. 126.
Ulcerations, ii. 170, 212, 296.
Ulcerative syphilides, i. 579.
Ulcerous balanitis, i. 564.
Ulcers, Duguet's, i. 6, 28, 82, 183.
Ulna and radius, results of mal-union of, vi. 426.
pseudo-arthrosis of, prognosis in; vi. 449.
Ulna, fractures of, iv. 484 *et seq.*
Ulna, mal-united fractures of, resulting in limitation of range of supination, v. 759.
Ulnar artery, lesions of, ii. 217.
claw-hand, ii. 289.
signs of regeneration, ii. 300.
nerve, anatomy, ii. 89.
arrangement of fibres in, ii. 355.
claw-hand in, ii. 93, 96, 102.
deep branch, ii. 90.
diagnosis, ii. 105.
dorsal cutaneous branch, ii. 90.
electrical disturbances, ii. 99.
lesions in forearm, ii. 101, 255, 263.
localisation of fibres in, ii. 104, 353.
motor changes, ii. 95.
paralysis of, ii. 604.
adduction of thumb in, ii. 280.
nerve, points of election for palpation, ii. 292 (*note*).
partial paralysis, ii. 103.
physiology, ii. 91.
reflexes, ii. 99.
secretory, caloric and trophic changes, ii. 101.
sensory changes, ii. 99, 104, 294.
signs of recovery, ii. 106.
slow regeneration of, ii. 307, 317.
superficial branch, ii. 90.
supply of, ii. 399.
time for exploratory incisions, ii. 310.
total paralysis, ii. 93 *et seq.*
uncertainty of motor localisation in, ii. 358.
vasomotor changes, ii. 101.
paralysis, appliance for, ii. 345.
(clinical types), ii. 93.
recovery, ii. 101.
sign of, ii. 606.
with claw-hand, ii. 345.
percussion of the, ii. 553.
pronator reflex, the, ii. 10, 39, 63.
wounds of, ii. 393; iii. 221.
Ulnar pronation reflex in wounds of brain, iii. 571.
Ultra-microscopic method in diagnosis, i. 551, 552.
Ultra-violet light in preventive treatment of wounds against tetanus, i. 850, 925.
Umbilical region, wounds of, iii. 456.
Unbalanced cases, differentiated from cases of mental debility, vi. 597.
Undulant fever, i. 102.
Unicity of chancre, i. 542.
Unilateral lesions, tests for, ii. 17.
paralysis of trapezius and serratus magnus, ii. 386.
Union of fragments important, in fracture of mandible, iv. 671.
Unipolar faradisation, ii. 15, 607.
Upper extremities, lesions of median nerve, ii. 50 *et seq.*
limb, contractures of, ii. 365.
peripheral sensory distribution of, ii. 35.
plexus paralysis, ii. 131.
primary and secondary trunk, the, ii. 123.
Upper limb, esquillectomy of, iv. 343.
multiple fractures of, iv. 490 *et seq.*
Uræmia in syphilis, i. 588.
Urethra, chancres of, i. 643.
Urinary complications in typhoid, treatment of, i. 147.
Urinary paraplegia, ii. 497.
Urinary syndryomes in second phase of primary paludism in malaria, i. 988.
albuminuria, i. 988.
hæmoglobinuric fever in early bilious, i. 989.
Urine, incontinence of, ii. 813.
due to habit, ii. 814.
essential, ii. 815.
"false" reason for, ii. 813.
retention of, ii. 813–6.
Urine in typhoid fever, i. 70.
diazo-reaction in, i. 71.
colour test for, i. 71.
typhoid bacilli in, i. 181.
Uveal membrane, rupture of the, i. 893.
tract, affections of the, iv. 886–887.

Vaccination against cholera, i. 448.
against dysentery, i. 375.
against typhoid, i. 234, 236, 248, 252, 255, 262, 263 *et seq.*
compulsory, i. 242.
contra-indications to use of, i. 273.
employment of, i. 280.
febrile reactions, i. 271, 277 (*note*).
human, institution of, i. 263.
in tuberculous cases, i. 274.
malaria and, i. 273.
mixed, i. 268.
results of, i. 280 *et seq.*
syphilitic cases in, i. 274.
the most powerful prophylactic measure against typhoid fever, i. 290.
typhoid and antityphoid, i. 120.
value of, i. 163, 280.
Vaccine, antidysenteric, i. 375–376.
therapy of typhoid, i. 149 *et seq.*
doses in, i. 277, 278.
indications and contra-indications for, i. 152.
results of, i. 153.
technique of, i. 152–153, 270.
Vaccines used for, i. 264.
bacilli killed by heat, i. 150.
polyvalent bacillary vaccine sterilised with ether, i. 151.
opacity-metre for, i. 269.
vaccines of living bacilli, i. 150.
Vaccine and serum treatment of infected wounds, iv. 95.
Vaccinia in typhoid fever, i. 17.
Vagrants, inspection of, with dysentery, i. 445.
Vaillard, i. 535, 692.
and Vincent, experiment on secondary infection as an aid to development of tetanus, i. 833.
investigations on serum therapy of tetanus, i. 852.
Valan, emulsion of, v. 674.
Val-de-Grace laboratory anti-cholera vaccine, i. 452.
Valée, v. 649.
Valée and Leclorinche, polyvalent serum of, iv. 35.
Vallette and Leriche, cases of monoplegic tetanus with acceleration of development of process by surgical traumatism, i. 785.
Valvular pneumothorax, vi. 708.
as a complication in war wounds of chest, vi. 769.
treatment in, vi. 825.
Van Lair's experiments, ii. 236.
Van Swieten's Liquor, i. 594.
Variola in typhoid fever, i. 17.
Varus, correction of, vi. 325, 389.
Vascular contusions, iii. 136.
agents of injury in, iii. 137.
anatomical considerations of, iii. 136.
clinical considerations of, iii. 144.
degrees of, iii. 139.
effect of, on circulation, iii. 141.
etiology of, iii. 136.
mechanism of, iii. 136.
pathological anatomy and physiology of, iii. 138.
treatment of, iii. 146.
Vascular grafts, iii. 244.
in repair of wounds in blood vessels, iii. 39, 44, 254.
Vascular injury, iv. 289.
Vascular lesions, ii. 249.
associated with lesions of peripheral nerves, ii. 209.
history of case, ii. 210.
spasm, reflex, ii. 612.
troubles, effect of heat and cold on, ii. 535.
Vascular phenomena in wounds of brain, iii. 592.
Vascular wounds, anatomical and physiological considerations of, iii. 1.
differentiation in, between bullet-wounds and shell-wounds, iii. 9.
in bullet-wounds, iii. 1.
of arteries, iii. 1–3.
of both artery and vein, iii. 5.
of multiple lesions by same projectile, iii. 5.
of veins, iii. 3.
in wounds produced by shells, grenades and torpedoes, iii. 7.
of infection, iii. 10.
Vascular wounds, anatomical and physiological course of, iii. 10.
of bullet-wounds of arteries, iii. 10.
of bullet-wounds of artery and vein, iii. 14.
in complex lesions of both, iii. 16.
in opposing lateral wounds of both, iii. 14.
of shell-wounds, iii. 18.
extensive, iii. 18.

Vascular wounds, of shell-wounds, punctured, iii. 21.
extensive, iii. 24.
acute traumatic anæmia in, iii. 26.
anatomical findings in, iii. 26.
gravity of, iii. 27.
symptoms of, iii. 26.
external hæmorrhage in, iii. 24.
from artery, iii. 24.
from both artery and vein, iii. 25.
from vein, iii. 24.
results of, iii. 25.
death, iii. 25.
spontaneous hæmostasis, iii. 25.
reactionary hæmorrhage in, iii. 28.
precariousness of spontaneous hæmostasis in, iii. 28.
treatment of, iii. 29.
at ambulance, iii. 33.
at trench and aid post, iii. 29.
by direct compression, iii. 32.
by temporary closure, iii. 33.
by tourniquet for wounds of limbs, iii. 30.
gangrene following, iii. 31.
indications and contra-indications for, iii. 31.
by permanent hæmostasis of wound of main vessel, iii. 33.
choice of method in, iii. 40.
forci-pressure in, iii. 36.
ligature in, iii. 33.
advantages of, iii. 40, 45, 46.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations, in, iii. 35.
gangrene following, iii. 40.
too tight, iii. 34.
Vascular wounds, treatment of, by permanent hæmostasis of wound of main vessel, suture in, iii. 37.
asepsis in, iii. 43.
circular, iii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
Vascular wounds, treatment of acute anæmia in, iii. 46.
injection of physiological serum in, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of intravenous injection of, iii. 48.
results of, iii. 50.
minor measures in, iii. 46.
transfusion of blood in, iii. 50.
direct, by means of Elsberg's canula, iii. 51.
canula in, iii. 53.
incision in, iii. 52.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein recipient in, iii. 55.
value of, iii. 56.
Vascular wounds of arm, iii. 215.
clinical course of, iii. 218.
diffuse hæmatoma in, iii. 216.
ligature in, iii. 217.
external hæmorrhage in, iii. 215.
tourniquet in, iii. 215.
treatment of, iii. 218.
exploration in, iii. 218.
ligature in, iii. 219.
of axilla, iii. 203.
aneurism of, iii. 210. *See also under* Axillary vessels.
complication of, iii. 205.
hæmatoma in, iii. 204.
internal hæmorrhage in, iii. 204.
nature of, iii. 203.
Vascular wounds of axilla, spontaneous hæmostasis in, iii. 203.
treatment of, iii. 205.
of femur, iii. 233.
diffuse hæmatoma in, iii. 234.
nature of, iii. 233.
treatment of, iii. 236–241.
of forearm and hand, iii. 219.
aneurisms in, iii. 221.
diffuse hæmatoma in, iii. 219.
exposure of vessels in, iii. 220.
of radial artery, iii. 220.
of ulnar artery, iii. 221.

Vascular wounds, of leg and foot, iii. 255.
aneurisms in, iii. 258.
of anterior tibial vessels, iii. 256, 257.
diffuse hæmatoma in, iii. 257.
incision in, iii. 258.
of posterior tibial vessels, iii. 255.
diffuse hæmatoma in, iii. 256.
incision in, iii. 256.
physical signs in, iii. 255.
repair in, iii. 257.
of neck, iii. 149.
arterial aneurisms following, iii. 176.
arterio-venous aneurisms following, iii. 180.
at root of neck, iii. 185.
aneurisms in, iii. 199.
hæmatoma in, iii. 186–187.
internal hæmorrhage in, iii. 186.
nature of, iii. 185–186.
nervous lesions in, iii. 187.
results in, when untreated, iii. 188.
treatment of, iii. 189.
vascular operation in, iii. 194.
without hæmorrhage or hæmatoma, iii. 187.
classification of, iii. 150.
clinical picture of, iii. 151.
deep, iii. 149.
in middle and lower region, iii. 150.
in upper region, iii. 151.
superficial, iii. 149.
treatment of, iii. 157.
of bullet-wounds, iii. 158.
in aneurism, iii. 158.
in hæmatoma, iii. 157.
of shell-wounds, iii. 158.
Vascular wounds of neck, treatment of, of sudden reactionary hæmorrhage, iii. 157.
of wounds of middle and lower region, iii. 162.
in common carotid, iii. 166.
in internal jugular vein, iii. 165.
temporary ligature of common carotid in, iii. 162.
of wounds of upper region, iii. 170.
in internal jugular vein, iii. 172.
Vascular wounds, of neck, treatment of, of wounds of upper region, in internal or external carotids or their branches, iii. 173.
types of, iii. 151.
with hæmatoma, iii. 152.
without hæmatoma, iii. 154.
of pelvis, iii. 222.
aneurism in, iii. 228.
See under Blood Vessels.
in gluteal and sciatic arteries, iii. 226.
external hæmorrhage in, iii. 226.
nature of, iii. 227.
treatment of, iii. 227.
in iliac vessels, iii. 222.
cases of, iii. 223.
course of, iii. 222.
hæmatoma in, iii. 224.
occurrence of, iii. 222.
of artery and vein, iii. 222.
treatment of, iii. 223, 225.
popliteal, iii. 246.
aneurism in, iii. 252. *See also under* Aneurism.
arrest of hæmorrhage in, iii. 246.
diffuse hæmatoma in, iii. 246.
lesions of sciatic nerve accompanying, iii. 247.
surgical operation in, iii. 247–252.
punctured, iii. 57.
agents of injury in, iii. 57.
diffuse hæmatoma in, iii. 63.
complications in, iii. 84.
extensive, developing rapidly, iii. 72.
inflammatory distention differentiated from, iii. 69.
mechanism of, iii. 63–64.
serious symptoms of, iii. 71.
small, developing slowly, iii. 74.
traumatic shock in, iii. 71.
Vascular wounds, punctured, internal hæmorrhage from, iii. 58.
general symptoms of, iii. 60.
local signs of, iii. 62.
physical conditions following, iii. 58.
without hæmorrhage, iii. 86.
treatment of arterial hæmatoma in, iii. 90.
treatment of internal hæmorrhage in, iii. 90.
Vasomotor, ii. 422.
and secretory phenomena, ii. 41.

Vasomotor and thermal disorders, ii. 295, 509, 528, 570.
Francois, Franck's experiments, ii. 574.
and thermal mechanism, disturbances of, ii. 499, 535, 585.
changes and disorders, ii. 14, 62, 101, 109, 165, 176, 185, 214.
disorders and hysteria, ii. 486–8.
disturbance not due to hysteria, ii. 503.
in paralysis with contractures, ii. 362.
sign of severe lesions, ii. 291.
fibres, ii. 112.
reflex, disorders, ii. 487.
symptoms in hysterical hemiplegia, ii. 721.
Vastus externus and internus, ii. 105.
Vegetables, contagion by, i. 208.
prophylaxis against, i. 238.
Veins, bullet-wounds of, iii. 35.
contusions of, iii. 136. *See also* Blood Vessels, contusion of.
agents of injury in, iii. 137.
anatomical considerations of, iii. 136.
clinical considerations of, iii. 144.
degrees of, iii. 139.
first and second, iii. 139, 140.
third, iii. 140, 141.
effect of, on circulation, iii. 141.
etiology of, iii. 136.
mechanism of, iii. 136.
pathological anatomy and physiology of, iii. 138.
treatment of, iii. 146.
extensive wounds of, iii. 24.
acute traumatic anæmia in, iii. 26.
anatomical findings in, iii. 26.
gravity of, iii. 27.
symptoms of, iii. 26.
external hæmorrhage in, iii. 24.
results of, iii. 25.
death, iii. 25.
spontaneous hæmostasis, iii. 25.
reactionary hæmorrhage in, iii. 28.
precariousness of spontaneous hæmostasis, in, iii. 28.
treatment of, iii. 29.
at ambulance, iii. 33.
at trench and aid post, iii. 29.
by direct compression, iii. 32.
by temporary closure, iii. 33.
Veins, treatment of, by tourniquet for wounds of limbs, iii. 30.
gangrene following, iii. 31.
indications and contra-indications for, iii. 31.
by permanent hæmostasis of wound of main vessel, iii. 33.
choice of method in, iii. 40.
forci-pressure in, iii. 36.
ligature of, iii. 33.
advantages of, iii. 40, 45.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene in, iii. 40–43.
too tight, iii. 34.
suture in, iii. 37.
asepsis in, iii. 43.
circular, iii. 38, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
vascular graft in, iii. 39, 44.
treatment of acute anæmia in, iii. 46.
injection of physiological serum in, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of intravenous injection of, iii. 48.
results of, iii. 50.
minor measures in, iii. 46.
transfusion of blood in, iii. 50.
direct, by means of Elsberg's canula, iii. 51.
canula in, iii. 53.
incision in, iii. 52.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.

Veins, in typhoid, i. 43.
Veins of arm, wounds of. *See* Blood vessels of arm.
of axilla, wounds of, iii. 203.
aneurisms in, iii. 210.
Veins of axilla, complications of, iii. 205.
hæmatoma in, iii. 204.
internal hæmorrhage in, iii. 204.
nature of, iii. 203.
spontaneous hæmostasis in, iii. 203.
treatment of, iii. 205.
of femur, wounds of, iii. *See* Femoral vessels.
of forearm and hand, wounds of, iii. 219. *See also under* Blood vessels.
of leg and foot, wounds of, iii. *See under* Blood vessels.
of neck, wounds of, iii. 149. *See also* Blood vessels of neck.
arterio-venous aneurisms following, iii. 180.
arterio-venous hæmatoma in, iii. 160.
in subclavian vein, iii. 195, 198.
of internal jugular vein, iii. 165, 172.
pelvic, wounds of, iii. 222. *See also* Pelvic vessels.
popliteal, aneurism in, iii. 253.
wounds of, iii. *See under* Popliteal vessels.
Veins, wounds of, anatomical and physiological course of, iii. 10.
of bullet-wounds, iii. 10.
in complex lesions, iii. 16.
in opposing lateral lesions of vein and artery, iii. 14.
of shell-wounds, iii. 18.
punctured, iii. 57.
agents of injury in, iii. 57.
diffuse hæmatoma in, iii. 63.
complications in, iii. 84.
extensive, developing rapidly, iii. 72.
inflammatory distention differentiated from, iii. 69.
mechanism of, iii. 63–64.
serious symptoms in, iii. 71.
small, developing slowly, iii. 74.
traumatic shock in, iii. 71.
internal hæmorrhage from, iii. 58.
general symptoms of, iii. 60.
Veins, wounds of, punctured, internal hæmorrhage from, local signs of, iii. 62.
physical conditions following, iii. 58.
without hæmorrhage, iii. 86.
Venereal danger, instructions as to, i. 682.
disease, discussion of, i. 678.
diseases in army, statistics of, i. 507, 508.
leave and, i. 513.
in army, origin of, i. 509.
war and, i. 503.
lectures on, i. 682, 683, 684, 685, 686, 687.
morbidity, i. 503.
Venereological centres, i. 676, 677.
Venesection, in chlorine gas poisoning, v. 775.
Venous suture, iii. 100.
Venous thrombosis in typhoid, i. 22.
Ventral decubitus, flexion deformity in, ii. 521.
Veratrine, intoxication by, ii. 576.
Vergely method of localisation of projectiles, v. 164.
Vernes and Jeanselme, researches of, i. 556.
Vertebral ankylosis, differentiated from camptocormia, ii. 743.
artery, wounds of, repair of, iii. 197.
column, v. 265.
curvature, ii. 466.
morphology of, ii. 467.
theory of cranium, iv. 793–794.
Vertex of brain, contusion of, iii. 737.
Vertical fractures of mandible, iv. 599.
Vertigo in syphilis, i. 586, 633.
in wounds of brain, iii. 591, 594.
normal, vi. 186.
voltaic, vi. 184, 194.
theory of anomalies in, vi. 196.
Vertraeghe on laparotomy, 309.
Vesical fistulæ, iv. 187.
function, disorders of, frequent, ii. 812.
Vesicles, formation of, ii. 418.
Vessels, lesions of the, iv. 870–879.
projectiles in, v. 352.
Vestibular apparatus, perturbation of, ii. 483.
labyrinth, wounds of, iii. 730.
tests, iii. 584.
Viallet and Dauvillier skiameter, v. 194.
Vibrating electro-magnets, v. 361.

Vibratory massage, ii. 322.
shock, a case of choroidal injury, iv. 897.
Vibrio, the cholera, i. 399–403.
agglutination test for, i. 403.
cultivation of, i. 441.
search for and isolation of, i. 400–402, 446.
propagation of, i. 413–437.
races of, i. 441.
Vicious attitude of limb, fixation of, ii. 373.
Vicious callus, treatment for, iv. 574.
Viewing box, v. 88.
Vignard on laparotomy, iii. 319.
Villain's apparatus for reduction of displaced posterior fragment of jaw, iv. 702.
Villain's "crank" for use in pseudo arthrosis of jaw, iv. 716, 717.
Villard valve, v. 11.
Villard's osmo-regulator, v. 17.
Villarte on hypertrichosis, ii. 563.
Vincent, C., on length of time for treatment, in reflex disorders, ii. 655.
on reflex disorders, ii. 583.
Vincent's powder, iv. 35, 88.
Vincent's angina in syphilis, i. 571, 583.
anti-cholera vaccine, i. 449.
spirillar infection, i. 585.
spirillum, i. 553.
spleno-diagnosis in typhoid, i. 106.
vaccine in typhoid, i. 122, 151, 266.
Vincent's method, technic, iv. 88.
Vine-dresser's hand, v. 493.
Viscera, typhoid bacilli in, i. 177.
Visceral affections in syphilis, i. 585.
manifestations in syphilis, i. 646.
Visceral branches, ii. 196.
disorders, ii. 809, 818.
hysterical, ii. 474.
field, concentric narrowing of traditional doctrine, ii. 479.
narrowing of, ii. 477.
troubles, two groups, ii. 474.
Visceral contusions in wounds of abdomen, iii. 344.
Visceral hernia, iii. 455.
in wounds of abdomen, iii. 344, 371.
treatment of, iii. 489.
Visceral lesions, iv. 187.
Visibility, v. 155.
of projectiles on the screen: its conditions, v. 105.
Vision, binocular, in radiology, v. 31.
Vision, field of, in wounds of occipital lobe, iii. 686, 687.
Vision in typhoid fever, i. 65.
Visual acuity in wounds of brain, iii. 582.
Visual affections in injuries of the orbit laws governing, iv. 813–814.
Visual defects, nerve lesions, iv. 854 *et seq.*
motor, iv. 854.
sensory, iv. 856.
sympathetic, iv. 857.
Visual disorders, after orbital fracture, iv. 1015.
pathology of, iv. 849 *et seq.*
relation of, to projectile, iv. 1916.
Visual disorders in lesions of occipital lobe, iii. 678.
Visual function in radiology, v. 31.
Visual lesions, according to direction of projectile, iv. 813–814.
Vitreous body, hæmorrhage into the, iv. 819, 958, 965.
Voke, alteration in, ii. 225.
Volkmann's contracture, ii. 105, 214.
ischemic paralysis, ii. 611.
Volkmann's ischæmic contracture, vi. 159.
syndrome, vi. 159.
Voltage, high, for production of X-rays, v. 1, 8.
in relation to amperage, in production of X-rays, v. 9, 10.
measuring of, v. 18.
product of, estimated by intensity of a current, v. 9.
Voltaic vertigo, ii. 484.
Voltaic vertigo test, Babinski's, in cerebellar lesions, iii. 733.
Voltmeters, use of, v. 18.
Voluntary motility, return of, ii. 278, 301.
Vomiting, ii. 819.
Vomiting in cholera, i. 383.
in diarrhœa, treatment of, i. 405.
in syphilis, i. 633.
in typhoid fever, i. 29, 144.
von Bezold's theory in the law of electro-physiology, vi. 28.
Vonzelle on laparotomy, iii. 320.
Vulcanite plate appliance, iv. 659 *et seq.*
Vulnerability of the orbit, iv. 897–901.
Vulpian and Charcot on pathogeny of reflex disorders, ii. 566–7.
on "reflex paralysis," ii. 497–8.

Waist belt for suspension of thigh piece, v. 402.
Wallerian degeneration, ii. 232.
Walls of the orbit, iv. 796–797.
War, and gastro-intestinal diseases, i. 254.
and typhoid fever, i. 159, 196.
flies as contagion carriers in, i. 218. (*See also* Flies.)
syphilis in, disastrous influence of, i. 532, 533, 534.
War deafness. *See* Deafness.
"War delirium," i. 61.
War, effect of on damaged mind, ii. 833.
neuroses, shell shock a feature of, ii. 864.
percentage of nerve injuries in, ii. 302.
War fractures, always infected, iv. 294.
"War-madness" in shell shock, vi. 511.
War radiography, vertical and recumbent examinations, v. 76.
War radiology, an important point in, v. 48.
War, radioscopic process in, v. 102, 173, 207 *et seq.*
War of Secession, typhoid fever in, i. 207.
War wounds, fundamental principles of treatment, iv. 10.
muscle destruction in, iv. 296.
Warluz and Jollant, method of localisation, v. 228.
Warm baths in tetanus, i. 888.
Warships, prophylactic measures against cholera on, i. 438.
War-time, carriers of infection in, i. 196.
mock vaccinations in, i. 291.
prophylactic measures in, i. 248.
Wash, soap, i. 667.
Washes, mouth, i. 667.
Wassermann Reaction in syphilis, i. 524, 529, 554, 555, 556, 562, 563, 567, 572, 573, 581, 590, 622.
and diagnosis, i. 554, 555, 556.
Blumenthal's statistics of, i. 554, 555.
treatment and, i. 651.
Water, and propagation of typhoid fever, i. 210.
distilled, i. 654.
dressings, i. 643.
Water, importance of, in etiology of epidemics, i. 236.
in propagation of cholera, i. 431–434, 447.
of dysentery, i. 355–357.
necessity of sterilisation of, i. 237, 247.
sterilisation of, i. 447.
vitality of dysentery bacilli in, i. 351.
Water-cooled tube, double anti-cathodal, v. 248.
Watt, definition of, v. 9.
de Watteville's application of the law of electro-physiology, vi. 28.
Watteville's commutator, use of in connection with electro-diagnosis tables, vi. 10.
Wave, definition of, v. 11.
Wave lengths, measuring of, v. 26.
in proportion to velocity of electrons producing, v. 26.
table of, v. 25.
Weber, circles of, ii. 252.
Weber's test, iii. 583.
for hearing, v. 959, 966.
Weir Mitchell's "paralysis from peripheral radiation," ii. 000.
Weiss and Gross on abstention in treatment of abdominal wounds, iii. 304.
Wells, need of supervision of, i. 237.
Wernicke's aphasia, iii. 663, 665, 667.
in lesions of temporal lobe, iii. 657.
Wet battery (Leclanche cells) used in treatment of shell shock, ii. 867.
Wet packs, i. 134.
Wheatstone stereoscope, v. 237.
White atrophy of optic nerve, iv. 782, 786.
asepsis, present methods for, iv. 34 *et seq.*
closure of, after Carrel-Dakin method, iv. 52, 53.
treatment, modern, essentials of, iv. 35.
Widal's serum test, details, i. 47, 118.
in non-vaccinator, i. 118.
in vaccinated, i. 119.
Wilson's lichen, i. 578, 584.
Women, contamination by their husbands in syphilis, i. 521.
physiological condition of, affected by cholera, i. 396.

Word-deafness, iii. 664, 668.
pure, in lesions of temporal lobe, iii. 655.
Worker's arm, v. 518.
Work, reëducation of patients for, after nerve lesions, ii. 348–9.
Working men, appliance for, in musculo-spiral paralysis, ii. 337.
Wound, unhealed, cases of non-union of bone with, vi. 454.
Wounded, methods of disposal of, after cure, v. 787.
Wounds, abdominal, anatomical lesions of, iii. 337.
in associated abdomino-thoracic wounds, iii. 377.
in multivisceral wounds, iii. 372.
in penetrating wounds not injuring viscera, iii. 338.
in wounds healing spontaneously, iii. 345.
in wounds which cannot heal spontaneously, iii. 355.
résumé of, iii. 381.
colostomy in, iii. 539.
comparative frequency of, by various projectiles, iii. 336–337.
diagnosis of lesions in, iii. 441.
clinical, iii. 446.
penetrating wound in, iii. 446.
visceral injuries in, iii. 455.
examination in, iii. 445.
Wounds, abdominal, diagnosis of lesions in, therapeutic indications in, iii. 463.
as regards patients, iii. 465.
as regards projectiles, iii. 469.
as regards wound, iii. 464.
radioscopy in, iii. 470.
résumé in, iii. 476.
drainage of localised peritoneal abscesses in, iii. 540.
iliostomy in, iii. 539.
influence of nature of projectile or weapon on form and gravity of, iii. 331.
laparotomy in, iii. 478.
anæsthesia in, iii. 484.
general, iii. 485.
chloroform, iii. 486.
ether, iii. 485.
spinal, iii. 484.
arguments for, iii. 391.
cleansing and draining of peritoneum in, iii. 523.
closure of abdomen in, iii. 525.
conditions in, iii. 279.
Wounds, abdominal, laparotomy in, deferred operations following, iii. 541.
closing of artificial anus, iii. 542.
delayed removal of projectiles, iii. 541.
for protrusion of intestines, iii. 541.
distance and transportation to operation in, iii. 421.
equipment for, iii. 414.
evacuation in, iii. 529.
examination of abdominal viscera in, iii. 521.
history of, iii. 269.
in former wars, iii. 276.
causes of failure in, iii. 292.
conclusions on, iii. 296.
requirements of surgeons in, iii. 295.
spontaneous repair of visceral lesions in, iii. 290.
instruments and materials for, iii. 478.
operation in, iii. 487.
detection of principal focus of lesions in, iii. 492.
incision in, iii. 491.
preliminary exploration of opening in, 487.
preliminary treatment of visceral hernias in, iii. 489.
over-crowding in, iii. 429.
Wounds, abdominal, laparotomy in, post-operative care of patient in, immediate, iii. 526.
subsequent, iii. 528.
post-operative treatment of wound in, iii. 527.
dressings in, iii. 527.
pre-operative precautions in, iii. 484.
removal of projectiles in, iii. 522.
results of, iii. 394, 395, 396–397, 402–411.
résumé, iii. 439.
surgical staff in, iii. 413.
treatment of accompanying wounds in, iii. 526.
medicinal or abstention treatment of, iii. 532.
absolute immobility in, iii. 532.
arguments for, iii. 391.
camphorated oil in, iii. 536.
evacuation in, iii. 537.
Fowler's position in, iii. 533.
in former wars, iii. 290.
morphia in, iii. 536.

Wounds, abdominal, medicinal or abstention treatment of, nothing by mouth in, iii. 532.
Priezznitz compress in, iii. 536.
rectal injection, "drop by drop," in, iii. 534.
results of, iii. 392–393, 395, 398–401, 536.
multiple drainage in, iii. 539.
Murphy's supra-pubic drainage in, iii. 384, 538.
treatment of, in present war, iii. 298.
evolution of, summary of, iii. 328.
in first period, abstention results in, iii. 304.
Delorme on, iii. 301.
laparotomy disastrous in, iii. 298, 299, 300.
laparotomy results in, iii. 303.
in second period, laparotomy successful in, iii. 298, 299–300, 306–321.
in third period, abstention successful in, iii. 299, 300, 321–328.
nature of projectiles and, iii. 329.
operative surroundings and, iii. 328.
surgical intervention in, imperative, iii. 274.
Wounds, abdominal, surgical intervention, in time of peace, iii. 274.
treatment of lesions in, iii. 493.
in bladder, iii. 516.
in kidney, iii. 515.
in large intestine, iii. 499.
in liver, iii. 504.
in mesentery, iii. 519.
in omentum, iii. 519.
in posterior peritoneum, iii. 519.
in rectum, iii. 519.
in small intestine, iii. 493.
in spleen, iii. 512.
in stomach, iii. 505.
in thoracico-abdominal wounds, iii. 519.
Wounds, after-effects of, burns, v. 777.
defects of bony union, v. 541.
gas infection and gas gangrene, v. 763.
in joints, muscles and tendons, v. 707.
osteomyelitis, chronic traumatic, v. 578.
Wounds and fractures of ankle, iv. 234 *et seq.*
of elbow, iv. 129 *et seq.*
of foot, iv. 255.
of hip, iv. 184 *et seq.*
operative technic, iv. 190 *et seq.*
of knee, iv. 201 *et seq.*
of the shoulder, iv. 102 *et seq.*
diagnosis of, iv. 102.
of wrist, iv. 170 *et seq.*
Wounds, blind, of lung, situation of projectile in, vi. 691.
bullet, course of projectile in, vi. 682.
infrequency of, vi. 678.
chest, effusion of blood as complication in, vi. 706.
Wounds, chest, pneumothorax as complication in, vi. 706.
grenade and bomb, frequency of, vi. 679.
in-and-out, pulmonary lesions in, vi. 691.
infected, of pleura, vi. 826.
of chest, complicated by hernia of lung, vi. 764.
decompression treatment in, vi. 804.
etiology of, vi. 677.
examination in, vi. 746.
frequency of, vi. 677.
hæmostatic treatment in, vi. 804.
hernia of lung as a complication in, vi. 821.
infective complications in degrees of virulence in, vi. 851.
surgical measures in, vi. 852.
treatment of, vi. 851.
parietal wounds in, treatment of, vi. 864.
physical signs of, vi. 746.
secondary hæmathorax as a complication in, vi. 767.
subcutaneous emphysema as a complication of, vi. 823.
treatment in, vi. 823.
traumatic agent in, vi. 678.
treatment of mechanical complications in, vi. 821.
treatment of, vi. 784.
with early infection, mortality in, vi. 851.
with late sepsis, prognosis in, vi. 851.
of head, cases of, unfitness of for service at the front, vi. 660.

Wounds, of lung, associated pleural reactions in, vi. 704.
associated pulmonary lesions in, vi. 700.
carnification in, vi. 702.
histological appearance of atelectasis in, vi. 702.
peri-hæmorrhagic lesions in, vi. 703.
pulmonary collapse in, vi. 701.
pulmonary splenisation in, vi. 704.
of pleura, consideration of, late sepsis in, vi. 827.
danger of early sepsis in, vi. 827.
presence of Bacillus perfrigens in, vi. 826.
progress of repair in, vi. 687.
and lung, vi. *See under* Wounds, pleuro-pulmonary, and Wounds of lung.
of spinal cord as a complication in war wounds of chest, vi. 772.
Wounds, condition of area of, iii. 34.
Wounds, hæmoptysis as a late complication in, vi. 766.
pleuro-pulmonary, hæmorrhagic complications in, vi. 765.
hæmorrhagic complications in, frequent occurrence of, vi. 765.
hæmothorax as a result of, vi. 709.
histological lesions in, vi. 683.
importance of cause of, vi. 681.
indications for aspiration in, vi. 788.
intermediate type, symptoms of, vi. 742.
laceration of tissue in, vi. 699.
late sequelæ in, vi. 869.
late sequelæ in, clinical study of, vi. 870.
indications for surgical treatment in, vi. 884.
operative technique in, vi. 888.
subjective disorders of, vi. 871.
treatment in, vi. 884.
medical, vi. 897.
prognosis of, vi. 869.
visceral disturbances of, vi. 871.
localised congestion in, vi. 777.
macroscopic lesions in, vi. 683.
massive pulmonary congestion in, vi. 778.
medical complications in, vi. 777.
Wounds, mild type, symptoms of, vi. 733.
multiple, vi. 681.
need for organised advanced surgical station for, vi. 783.
of "seton" form, vi. 682.
parietal scars in, vi. 873.
pathological anatomy of, vi. 681.
physical signs of, vi. 746.
pleural lesions in, vi. 685.
primary infection, vi. 828.
hætoma in, vi. 754.
lesions in, vi. 685.
tuberculosis as a sequela of, vi. 880.
recurrence of effusion after evacuation in, vi. 796.
recurrent hæmathorax in, vi. 796.
recurring hemolysed effusions in, vi. 763.
removal of foreign bodies from the mediastinum, vi. 892.
rupture of parenchyma in, vi. 699.
scoliosis as a result of, vi. 874.
secondary or delayed hæmoptysis as a complication in, vi. 765.
etiology of, vi. 765.
secondary or delayed hæmoptysis differentiated from initial hæmoptysis, vi. 765.
Wounds, local treatment of, in tetanus, i, 846.
amputations in, i. 846.
antisepsis in, i. 847.
antitetanic serum in, desiccated and powdered, i. 849.
chemical agents in, i. 847.
calcium chloride, i. 849.
oxygen, i. 847.
tincture of iodine, i. 847.
hot or cold air, i. 849.
light, i. 850.
physical agents in, i. 849.
Wounds of blood vessels, anatomical and physiological considerations of, iii. 1.
differentiation in, between bullet-wounds and shell-wounds, iii. 9.
in bullet-wounds, iii. 1.
of arteries, iii. 1-3.
of both artery and vein, iii. 5.
of multiple lesions by same projectile, iii. 5.
of veins, iii. 3.
in wounds produced by shells, grenades and torpedoes, iii. 7.

Wounds of blood vessels, of infection, iii. 10.
anatomical and physiological course of, iii. 10.
of bullet-wounds of arteries, iii. 10.
of bullet-wound of artery and vein, iii. 14.
in complex lesions of both, iii. 16.
in opposing lateral wounds of both, iii. 14.
of shell-wounds, iii. 18.
extensive, iii. 18.
punctured, iii. 21.
aneurism in, iii. 252. *See also under* Aneurism.
contusions, iii. 136.
agents of injury in, iii. 137.
anatomical considerations of, iii. 136.
clinical considerations of, iii. 144.
degrees of, iii. 139.
effect of, on circulation, iii. 141.
etiology of, iii. 136.
mechanism of, iii. 136.
Wounds of blood vessels, contusions, pathological anatomy and physiology of, iii. 138.
treatment of, iii. 146.
extensive, iii. 24.
acute traumatic anæmia in, iii. 26.
anatomical findings in, iii. 26.
gravity of, iii. 27.
symptoms of, iii. 26.
external hæmorrhage in, iii. 24.
from artery, iii. 24.
from both artery and vein, iii. 25.
from vein, iii. 24.
results of, iii. 25.
death, iii. 25.
spontaneous hæmostasis, iii. 25.
reactionary hæmorrhage in, iii. 28.
precariousness of spontaneous hæmostosis in, iii. 28.
treatment of, iii. 29.
at ambulance, iii. 33.
at trench and aid post, iii. 29.
by direct compression, iii. 32.
by temporary closure, iii. 33.
by tourniquet for wounds of limbs, iii. 30.
gangrene following, iii. 31.
Wounds of blood vessels, extensive, treatment of, indications and contra-indications for, iii. 31.
by permanent hæmostasis of wound of main vessel, iii. 33.
choice of method in, iii. 40.
forci-pressure in, iii. 36.
ligature in, iii. 33.
advantages of, iii. 40, 45, 46.
application of, to healthy portion of vessel, iii. 35.
aseptic irrigations in, iii. 35.
gangrene following, iii. 40–43.
too tight, iii. 34.
suture in, iii. 37.
asepsis in, iii. 43.
circular, iii. 33, 44.
contusions of intima in, iii. 44.
disadvantages of, iii. 45.
indications for, iii. 45.
lateral, iii. 37, 44.
Wounds of blood vessels, extensive, treatment of, suture in, vascular graft in, iii. 39, 44.
treatment of acute anæmia in, iii. 46.
injection of physiological serum in, iii. 47.
Hayem's serum for, iii. 47.
Locke's serum for, iii. 47, 48.
method of intravenous injections of, iii. 48.
results of, iii. 50.
minor measures in, iii. 46.
transfusion of blood in, iii. 50.
direct, by means of Elsberg's canula, iii. 51.
canula in, iii. 53.
incision in, iii. 52.
insertion of canula in, iii. 53.
preparation for operation in, iii. 51.
indirect, by means of tubes sterilised in paraffin, iii. 54.
canula in, iii. 55.
insertion of canula in, iii. 56.
preparation of artery of donor in, iii. 54.
preparation of vein of recipient in, iii. 55.
value of, iii. 56.

Wounds of blood vessels of arm, iii. 215.
clinical course of, iii. 218.
diffuse hæmatoma in, iii. 216.
ligature in, iii. 217.
external hæmorrhage in, iii. 215.
tourniquet in, iii. 215.
treatment of, iii. 218.
exploration in, iii. 218.
ligature of vessel in, iii. 219.
of axilla, iii. 203.
complications of, iii. 205.
hæmatoma in, iii. 204.
internal hæmorrhage in, iii. 204.
nature of, iii. 203.
spontaneous hæmostasis in, iii. 203.
of femur, iii. 233.
diffuse hæmatoma in, iii. 234.
nature of, iii. 233.
treatment of, iii. 236–241.
of forearm and hand, iii. 219.
aneurisms in, iii. 221.
diffuse hæmatoma in, iii. 219.
exposure of vessels in, iii. 220.
Wounds of blood vessels, of forearm and hand, of radial artery, iii. 220.
of ulnar artery, iii. 221.
of leg and foot, iii. 255. *See also* Blood vessels of leg and foot.
of neck, iii. 149.
arterial aneurisms following, iii. 176.
course of, iii. 177.
disturbances due to, iii. 177–178.
in middle and lower region, iii. 176.
in upper region, iii. 177.
treatment of, iii. 178.
arterio-venous aneurism following, iii. 180.
characteristics of, iii. 180.
course of, iii. 181.
disturbances due to, iii. 181.
treatment of, iii. 181.
at root of neck, iii. 185.
aneurisms in, iii. 199.
nature and dimensions of, iii. 199.
surgical treatment of, iii. 199.
hæmatoma in, iii. 186–187.
internal hæmorrhage in, iii. 186.
lacerations in, iii. 186, 189.
Wounds of blood vessels, of neck, at root of neck, nature of, iii. 185–186.
nervous lesions in, iii. 187.
results in, when untreated, iii. 188.
treatment of, iii. 189.
exposure of great vessels in, iii. 190.
indications in, iii. 189.
vascular operation in, iii. 194.
without hæmorrhage or hæmatoma, iii. 187.
classification of, iii. 150.
clinical picture of, iii. 151.
deep, iii. 149.
in middle and lower region, iii. 150.
in upper region, iii. 151.
superficial, iii. 149.
treatment of, iii. 157.
of bullet-wounds, iii. 158.
in aneurism, iii. 159.
in hæmatoma, iii. 157.
of shell-wounds, iii. 158.
of sudden reactionary hæmorrhage, iii. 157.
Wounds of blood vessels, of neck, at root of neck, treatment of, of wounds of middle and lower region, iii. 162.
in common carotid artery, iii. 166.
in internal jugular vein, iii. 165.
temporary ligature of common carotid in, iii. 162.
of wounds of upper region, iii. 170.
in internal jugular vein, iii. 172.
in internal or external carotids or their branches, iii. 173.
types of, iii. 151.
with hæmatoma, iii. 152.
without hæmatoma, iii. 154.
of pelvic vessels, iii. 222.
gluteal and sciatic arteries, iii. 226.
external hæmorrhage in, iii. 226.
nature of, iii. 227.
treatment of, iii. 227.
of iliac vessels, iii. 222.
cases of, iii. 223.
course of, iii. 222.
hæmatoma in, iii. 224.
occurrence of, iii. 222.

Wounds of blood vessels, of iliac vessels, of artery and vein, iii. 222.
treatment of, iii. 223, 225.
of popliteal vessels, iii. 246.
arrest of hæmorrhage in, iii. 246.
diffuse hæmatoma in, iii. 246.
lesions of sciatic nerve accompanying, iii. 247.
surgical operations in, iii. 247–252.
punctured, iii. 57.
agents of injury in, iii. 57.
diffuse hæmatoma in, iii. 63.
complications in, iii. 84.
extensive, developing rapidly, iii. 72.
inflammatory distention differentiated from, iii. 69.
mechanism of, iii. 63–64.
traumatic shock in, iii. 71.
serious symptoms in, iii. 71.
small, developing slowly, iii. 74.
internal hæmorrhage from, iii. 58.
general symptoms of, iii. 60.
local signs of, iii. 62.
Wounds of blood vessels, punctured, physical conditions following, iii. 58.
without hæmorrhage, iii. 86.
treatment of, iii. 90.
of arterial hæmatoma, iii. 90.
extensive, developing rapidly, iii. 90.
small or medium-sized, developing slowly, iii. 100.
of internal hæmorrhage, iii. 90.
of wounds or arteries without hæmorrhage, iii. 111. *See also* Arteries.
Wounds of bone, of shaft of, v. 604.
sinuses resulting from, v. 604.
infection of, frequency of, in war, v. 598.
of ear, in auricle, v. 847.
in auriculo-mastoid region, v. 867.
of external auditory meatus, v. 849.
of tympanic membrane and tympanic cavity, v. 851.
Wounds of brain and skull, iii. 555, 767.
abscess of brain in, iii. 745.
clinical forms of, iii. 749.
differential diagnosis of, iii. 750.
etiology of, iii. 745.
symptomatology of, iii. 746.
Wounds of brain and skull, symptomatology of, in acute superficial abscess, iii. 746.
in deep chronic abscess, iii. 747.
aphasia in relation to, iii. 662.
accepted theory of, iii. 663.
course of, iii. 675.
differential diagnosis of, iii. 676.
history of, iii. 662.
Pierre Marie's conception of, iii. 664.
technique of examination in, iii. 668.
wound in, nature of, iii. 671.
site of, iii. 672.
complications of, iii. 742, 842.
cerebral abscess, iii. 845.
cerebral hernia, iii. 847.
encephalitis, iii. 845.
epilepsy, iii. 852.
meningitis, iii. 742, 842.
clinical forms of, iii. 742.
diffuse meningitis, iii. 743.
encysted meningitis, iii. 743.
ventricular meningitis, iii. 743.
symptoms of, iii. 742.
Wounds of brain and skull, craniotopography in, iii. 560.
driving in the bone, iii. 772, 773.
early operation in, iii. 768–769.
epilepsy in, iii. 752.
diagnosis of, iii. 757.
epileptic fit in, iii. 754.
general considerations of, iii. 752.
Jacksonian, iii. 757.
differential diagnosis in, iii. 757.
sensory form of, iii. 759.
sequelæ of, iii. 759.
symptoms of, iii. 758.
"petit mal" in, iii. 755.
status lymphaticus in, iii. 756.
examination of, iii. 559, 774.
anatomical considerations in, iii. 775.
brain in, iii. 776.
dura mater in, iii. 776.
skull in, iii. 776.
careful, importance of, iii. 774.
differentiation between shock and intra-cranial tension in, iii. 776.
motor, sensitive and sensory symptoms in, iii. 774.
precautions in, iii. 777, 779.
progress of infection in, iii. 776.

Wounds of brain and skull, examination of, search for foreign bodies in, iii. 778, 779, 780–781.
examination of patient in, iii. 555.
frequency of, iii. 767.
in cerebellum, iii. 706.
anatomy of cerebellum in, iii. 706.
course of, iii. 729.
differential diagnosis of, iii. 730.
labyrinthine syndrome following, iii. 730.
physiology of, iii. 709.
semiology of cerebellum in, iii. 711.
classical tests in, iii. 711.
examination for Babinski's cerebellar syndrome in, iii. 713.
examination of localising cerebellar cortical sumptoms in, iii. 719.
site and nature of wound in, iii. 726.
symptoms of, iii. 727.
in frontal lobe, iii. 598.
anatomy of, iii. 598.
complications of, iii. 604.
Wounds of brain and skull, in frontal lobe, diagnosis of, iii. 608.
differentiation of, from wounds of frontal sinus, iii. 603.
extensive, iii. 603.
physiology of, iii. 600.
symptoms of, iii. 603.
treatment of, iii. 608.
in occipital lobe, iii. 678.
anatomy of, iii. 679.
complications of, iii. 703.
disorders of vision in, course of, iii. 701.
examination of patient in, iii. 685.
field of vision in, iii. 687.
localisation of visual area in, iii. 680.
occipital cranio-cerebral topography in, iii. 683.
physiology of visual area in, iii. 682.
radiography in, iii. 702.
site and character of wound in, iii. 682.
surgical intervention in, iii. 705.
symptoms of, iii. 684.
visual disorders in, frequency of, iii. 678.
in parietal lobe, iii. 642.
Wounds of brain and skull, in parietal lobe, anatomy of, iii. 642.
course of, iii. 650.
physiology of, iii. 645.
prognosis of, iii. 650, 651.
symptoms of, iii. 645.
wound in, iii. 645.
in Rolandic area, iii. 610.
anatomy of, iii. 610.
clinical aspects of, iii. 621.
in cortical cerebral paraplegia, iii. 628.
in facial paralysis of cortical origin, iii. 630.
in hemiplegia, iii. 631.
in monoplegia, iii. 621.
complications of, iii. 640.
course of, iii. 640.
diagnosis of, iii. 637.
histology of, iii. 614.
physiology of, iii. 615.
site and characteristics of wound in, iii. 619.
treatment of, iii. 641.
Wounds of brain and skull, operative tive treatment of, craniectomy in, instruments in, iii. 797 *et seq.* 823.
replacing of osteo-plastic flap in, iii. 817.
approximation and suture of edges in, iii. 817.
section of bone in, iii. 797.
dura mater separator and protector in, iii. 801.
Gigli's saw in, iii. 801.
osteo-plastic flap in, cutting of, iii. 796.
fracture of base of, iii. 809.
selection of, iii. 786–787.
trephining of skull in, iii. 798, 800.
treatment of injury in, iii. 813.
drainage tube in, iii. 816.
irrigation of cerebral wound with physiological serum in, iii. 816.
removal of splinters in, iii. 813.
repair of dura in, iii. 815.
search for projectile in, iii. 815.
value of, iii. 818, 835.
cutaneous incision in, iii. 789, 795.
hæmostatic procedure in, iii. 789.
in gutter-wounds, iii. 837.
cutaneous flap in, iii. 827.

Wounds of brain and skull, treatment of, in gutter-wounds, digital exploration under serum irrigation in, iii. 831.
drainage in, iii. 831, 834.
hæmostosis in, iii. 827.
opening of dura in, iii. 829.
osteo-plastic flap in, cutting of, iii. 796.
selection of, iii. 786–787.
radical removal of bone in, iii. 832.
shaving and cleansing of head preparatory to, iii. 768, 782.
suture of dura in, iii. 830.
suturing of epicranium beneath scalp opening in, iii. 833.
trimming of osseous furrow in, iii. 828.
value of, iii. 835.
results of, iii. 835.
sequelæ of, iii. 838.
immediate, iii. 838.
trephining, wide, in, iii. 818, 819.
Wounds of brain and skull, passing through and out, iii. 770, 773.
penetrating, iii. 771, 773.
perforating, iii. 771, 773.
ploughing through skull and brain, iii. 772, 773.
post-operative treatment in, iii. 840.
drainage in, with cigarette drain, iii. 840.
dressing of wound in, iii. 840.
precautions against complications in, iii. 841.
Wounds of brain and skull, post-operative treatment in, removal of drain, iii. 841.
removal of hæmostatic suture in, iii. 840.
shaving and cleansing of head, in, iii. 768.
tangential, iii. 769, 770.
transport of wounded in, iii. 768.
trench-helmet and, iii. 767.
varieties of, iii. 769.
Wounds of brain in temporal lobe, iii. 652.
anatomy of, iii. 652.
complications of, iii. 660.
course of, iii. 661.
physiology of, iii. 654.
prognosis of, iii. 661.
symptoms of, iii. 655.
localisation of, iii. 560.
location of, iii. 767.
Wounds of brain in temporal lobe, neurological examination in, iii. 567.
lumbar puncture in, iii. 587.
of co-ordination, iii. 579.
of equilibrium, iii. 580.
of gait, iii. 580.
of reflexes, iii. 570.
clonus, iii. 574.
cutaneous and mucous, iii. 572.
of bone and tendons, iii. 570.
of segmental muscular power, iii. 567.
of sensation, iii. 575.
of sensory apparatus, iii. 581.
of speech, iii. 581.
radiography in, iii. 588.
subjective symptoms in, iii. 590.
course of, iii. 595.
differential diagnosis of, iii. 593.
ordinary syndrome of, iii. 590.
pathogenesis of, iii. 596.
treatment of, iii. 596.
non-penetrating, iii. 770, 773.
operative treatment of, iii. 782.
anæsthesia in, iii. 782.
general, consideration of, iii. 782–783.
local, iii. 783.
chair for, iii. 786.
instruments for, iii. 784.
intradermic injection in, iii. 787.
position of patient in, iii. 785, 822.
solution for, iii. 785.
craniectomy in, iii. 797.
classes of wounds treated by, iii. 822–823.
difficulties attending, iii. 819.
hæmorrhage of diploë, iii. 819.
injury to dura and brain with Gigli's saw, iii. 820.
injury to sinus, iii. 821.
hæmorrhage from, iii. 821–822.
muscular flap in, iii. 821–822.
rupture of meningeal artery, iii. 821.
Wounds of brain, organic, without fracture of skull, iii. 735.
cerebral concussion in, iii. 738.
diagnosis of, iii. 740.
pathogenesis of, iii. 740.

Wounds of brain and skull, examination of, search for foreign bodies in, iii. 778, 779, 780–781.
examination of patient in, iii. 555.
frequency of, iii. 767.
in cerebellum, iii. 706.
anatomy of cerebellum in, iii. 706.
course of, iii. 729.
differential diagnosis of, iii. 730.
labyrinthine syndrome following, iii. 730.
physiology of, iii. 709.
semiology of cerebellum in, iii. 711.
classical tests in, iii. 711.
examination for Babinski's cerebellar syndrome in, iii. 713.
examination of localising cerebellar cortical sumptoms in, iii. 719.
site and nature of wound in, iii. 726.
symptoms of, iii. 727.
in frontal lobe, iii. 598.
anatomy of, iii. 598.
complications of, iii. 604.
Wounds of brain and skull, in frontal lobe, diagnosis of, iii. 608.
differentiation of, from wounds of frontal sinus, iii. 603.
extensive, iii. 603.
physiology of, iii. 600.
symptoms of, iii. 603.
treatment of, iii. 608.
in occipital lobe, iii. 678.
anatomy of, iii. 679.
complications of, iii. 703.
disorders of vision in, course of, iii. 701.
examination of patient in, iii. 685.
field of vision in, iii. 687.
localisation of visual area in, iii. 680.
occipital cranio-cerebral topography in, iii. 683.
physiology of visual area in, iii. 682.
radiography in, iii. 702.
site and character of wound in, iii. 682.
surgical intervention in, iii. 705.
symptoms of, iii. 684.
visual disorders in, frequency of, iii. 678.
in parietal lobe, iii. 642.
Wounds of brain and skull, in parietal lobe, anatomy of, iii. 642.
course of, iii. 650.
physiology of, iii. 645.
prognosis of, iii. 650, 651.
symptoms of, iii. 645.
wound in, iii. 645.
in Rolandic area, iii. 610.
anatomy of, iii. 610.
clinical aspects of, iii. 621.
in cortical cerebral paraplegia, iii. 628.
in facial paralysis of cortical origin, iii. 630.
in hemiplegia, iii. 631.
in monoplegia, iii. 621.
complications of, iii. 640.
course of, iii. 640.
diagnosis of, iii. 637.
histology of, iii. 614.
physiology of, iii. 615.
site and characteristics of wound in, iii. 619.
treatment of, iii. 641.
Wounds of brain and skull, operative tive treatment of, craniectomy in, instruments in, iii. 797 *et seq.* 823.
replacing of osteo-plastic flap in, iii. 817.
approximation and suture of edges in, iii. 817.
section of bone in, iii. 797.
dura mater separator and protector in, iii. 801.
Gigli's saw in, iii. 801.
osteo-plastic flap in, cutting of, iii. 796.
fracture of base of, iii. 809.
selection of, iii. 786–787.
trephining of skull in, iii. 798, 800.
treatment of injury in, iii. 813.
drainage tube in, iii. 816.
irrigation of cerebral wound with physiological serum in, iii. 816.
removal of splinters in, iii. 813.
repair of dura in, iii. 815.
search for projectile in, iii. 815.
value of, iii. 818, 835.
cutaneous incision in, iii. 789, 795.
hæmostatic procedure in, iii. 789.
in gutter-wounds, iii. 837.
cutaneous flap in, iii. 827.

Wounds of brain and skull, treatment of, in gutter-wounds, digital exploration under serum irrigation in, iii. 831.
drainage in, iii. 831, 834.
hæmostosis in, iii. 827.
opening of dura in, iii. 829.
osteo-plastic flap in, cutting of, iii. 796.
selection of, iii. 786–787.
radical removal of bone in, iii. 832.
shaving and cleansing of head preparatory to, iii. 768, 782.
suture of dura in, iii. 830.
suturing of epicranium beneath scalp opening in, iii. 833.
trimming of osseous furrow in, iii. 828.
value of, iii. 835.
results of, iii. 835.
sequelæ of, iii. 838.
immediate, iii. 838.
trephining, wide, in, iii. 818, 819.
Wounds of brain and skull, passing through and out, iii. 770, 773.
penetrating, iii. 771, 773.
perforating, iii. 771, 773.
ploughing through skull and brain, iii. 772, 773.
post-operative treatment in, iii. 840.
drainage in, with cigarette drain, iii. 840.
dressing of wound in, iii. 840.
precautions against complications in, iii. 841.
Wounds of brain and skull, post-operative treatment in, removal of drain, iii. 841.
removal of hæmostatic suture in, iii. 840.
shaving and cleansing of head, in, iii. 768.
tangential, iii. 769, 770.
transport of wounded in, iii. 768.
trench-helmet and, iii. 767.
varieties of, iii. 769.
Wounds of brain in temporal lobe, iii. 652.
anatomy of, iii. 652.
complications of, iii. 660.
course of, iii. 661.
physiology of, iii. 654.
prognosis of, iii. 661.
symptoms of, iii. 655.
localisation of, iii. 560.
location of, iii. 767.
Wounds of brain in temporal lobe, neurological examination in, iii. 567.
lumbar puncture in, iii. 587.
of co-ordination, iii. 579.
of equilibrium, iii. 580.
of gait, iii. 580.
of reflexes, iii. 570.
clonus, iii. 574.
cutaneous and mucous, iii. 572.
of bone and tendons, iii. 570.
of segmental muscular power, iii. 567.
of sensation, iii. 575.
of sensory apparatus, iii. 581.
of speech, iii. 581.
radiography in, iii. 588.
subjective symptoms in, iii. 590.
course of, iii. 595.
differential diagnosis of, iii. 593.
ordinary syndrome of, iii. 590.
pathogenesis of, iii. 596.
treatment of, iii. 596.
non-penetrating, iii. 770, 773.
operative treatment of, iii. 782.
anæsthesia in, iii. 782.
general, consideration of, iii. 782–783.
local, iii. 783.
chair for, iii. 786.
instruments for, iii. 784.
intradermic injection in, iii. 787.
position of patient in, iii. 785, 822.
solution for, iii. 785.
craniectomy in, iii. 797.
classes of wounds treated by, iii. 822–823.
difficulties attending, iii. 819.
hæmorrhage of diploë, iii. 819.
injury to dura and brain with Gigli's saw, iii. 820.
injury to sinus, iii. 821.
hæmorrhage from, iii. 821–822.
muscular flap in, iii. 821–822.
rupture of meningeal artery, iii. 821.
Wounds of brain, organic, without fracture of skull, iii. 735.
cerebral concussion in, iii. 738.
diagnosis of, iii. 740.
pathogenesis of, iii. 740.

Wounds of brain, symptoms of, iii. 738.
cerebral contusion in, iii. 736.
by "contre-coup," symptoms of, iii. 736.
Wounds of thorax, secondary hæmoptysis in open wound of, vi. 822.
secondary hæmoptysis in, vi. 822.
open, of thorax, injuries of pleura in, vi. 687.
of chest, method of closing pleura in, vi. 811.
method of procedure in, vi. 812.
shirt-stud method of plugging, vi. 814.
parietal, as a complication in chest wounds, treatment of, vi. 864.
pleuro-pulmonary and bullet, comparison of frequency, vi. 678.
statistics since outbreak of war, vi. 678.
aseptic, vi. 681.
aseptic surgical complications of, vi. 764.
auscultation in, vi. 751.
bilateral, vi. 681.
blind, vi. 682.
bone lesions in, gravity of, vi. 684.
broncho-pneumonia as a complication of, vi. 780.
clinical features of, vi. 737.
consideration of sinuses in, vi. 874.
course of projectile in, vi. 682.
delayed purulent pleurisy as a complication in, vi. 840.
dense pleuro-parietal adhesions as a result of, vi. 874.
diagnosis of delayed purulent pleurisy in, vi. 842.
difficulty of examination in, vi. 745.
early pleural adhesions in, vi. 779.
early purulent pleurisy in, vi. 836.
early secondary purulent, as a complication in pleuro-pulmonary wounds, vi. 839.
effusion of blood in pleural cavity in, vi. 709.
etiology of exudative pleurisy in, vi. 796.
Wounds of thorax, evolution of, vi. 757.
types of, vi. 758.
examination in, vi. 746.
examination of lesions in, vi. 683.
exploratory puncture in, method of, vi. 752.
value of, vi. 752.
external lesions in, vi. 873.
false membranes in, vi. 704.
adhesions in, vi. 705.
fractures of scapula in, vi. 685.
hæmatoma as a result of, vi. 683.
Wounds on a limb with muscular atrophy, ii. 493.
Wounds, pleuro-pulmonary, secondary infection, vi. 828.
appearance of inflammatory phenomena in, vi. 833.
character of pus in, vi. 835.
etiology of, vi. 833.
importance of lesions of neighbouring structures, vi. 835.
organisms concerned in, vi. 836.
pathological anatomy, vi. 834.
symptoms of, vi. 836.
severe type, symptoms of, vi. 744.
shell fragments as cause of, vi. 678.
single, vi. 681.
skin and subcutaneous tissue in, vi. 683.
symptoms of, vi. 737.
technique of aspiration in, vi. 789.
technique of pleurotomy in, vi. 796.
thoracic deformities in, vi. 873.
transfixing, vi. 682.
traumatic effusion in, vi. 759.
clinical types of, vi. 760.
traumatic tuberculous pleurisy in, vi. 762.
treatment of foreign bodies in the mediastinum, vi. 888.
types of pulmonary sequelæ in, vi. 878.
use of novocain in aspiration of, vi. 791.
value of clinical signs in, vi. 745.
X-ray examination in, vi. 746, 752.
simple pulmonary, vi. 688.
thoraco-abdominal, as a complication in war wounds of chest, vi. 773.

Wounds, pleuro-pulmonary, through-and-through, pulmonary lesions in, vi. 690.
war, as a factor in mental depression, vi. 482.
of chest, associated injuries of serous cavities in, vi. 772.
empyema in, results of drainage in, vi. 861.
fracture of bones of chest wall as a complication in, vi. 769.
immediate intervention in, vi. 797.
injuries to heart and lungs, vi. 773.
prognosis in, vi. 864.
severe cases, indications for operation in, vi. 799.
prognosis in, vi. 797.
statistics in, vi. 864.
Wounds, war, subcutaneous emphysema as a complication in, vi. 768.
thoraco-abdominal wounds as a complication in, vi. 773.
valvular pneumothorax as a complication in, vi. 769.
with fractures of bony thorax, progress of repair in, vi. 688.
Wrenden on laparotomy, iii. 282.
Wright, Sir Almroth, physiological method, iv. 35.
Wrist, ankylosis of, ii. 47.
the, examination of, ii. 4.
lateral movements of, ii. 31.
lesions of ulnar nerve in, ii. 101.
tumor of, ii. 42.
Wrist-drop, ii, 27, 34, 42, 47, 603.
appliances for correction of, ii. 331 *et seq.*
Wrist joint, ankylosis of, vi. 234.
performance of arthrodesis, vi. 379.
branches for articulation of, ii. 399.
flexion of, ii. 280.
nerve-supply of, ii. 401.
rigidity of, ii. 392.
vascular branch of, ii. 398.
Wrist, projectiles in, v. 351.
Wrist, wounds and fractures of, iv. 170 *et seq.*
evacuation of patients after, iv. 180 *et seq.*
operative technic, rules, iv. 175–177.
postoperative treatment, iv. 177 *et seq.*
Written diagnosis, harmful suggestion of, in hysteria, ii. 630.
Wullyamoz, v. 80, 83, 298.
fluoroscope of, v. 83.
Wullyamoz process, v. 297.

X-radiations, of equal wave length, identical in properties and effects, v. 25.
estimation of quality of, v. 26.
hard or penetrating, v. 23.
primary, v. 42.
secondary, v. 43.
deleterious effects of, v. 43.
impossibility of suppressing entirely, v. 44.
means for eliminating action of, v. 43.
soft, or of slight penetration, v. 23.
table of wave lengths including, v. 25.
wave lengths of, in proportion to velocity of electrons producing, v. 26.
wave series extending from centre of propagation of, v. 24.
X-ray accessory material, v. 88.
X-ray aluminum filter, use of, v. 96.
X-ray apparatus, accessory materials, tattooing needles, Dr. Henry Béclère's, v. 89.
for conducting the examination, v. 75.
X-ray appliances, v. 87.
X-ray dermatitis, occurrence of, v. 93.
X-ray diaphragm, importance of use of, v. 96.
X-ray examination, cases of undiscovered projectiles, v. 100.
and "explosive effects" of projectiles, v. 132.
of fractures, v. 64.
specimen report of, v. 126.
X-ray images, interpretation of, v. 62.
distinguishing differences in intensity of shadows, v. 66.
in two planes at right angles, necessity of, v. 64.
in various planes, v. 65.
knowledge of normal X-ray anatomy of skeleton necessary to, v. 66.
on a single plane, v. 65.
taken in frontal and sagittal planes, v. 66.
X-ray in ankylosis, vi. 221.
examination in pleuro-pulmonary wounds, vi. 746, 752.

X-ray in ankylosis, in empyema of chest, vi. 862.
in infections of lungs, vi. 844.
X-ray interpretation, importance of, normal ray and properly centred tube in, v. 55.
primary ideas on, v. 46 *et seq.*
X-ray localisation of projectiles, v. *See* Projectiles, localisation of.
X-ray plates, v. *See* Plates.
and the normal ray, v. 46.
X-ray projections, approximating region to be examined as near as possible to plane of, v. 49.
conical, v. 47.
distortion in, v. 48.
factors to be determined in, v. 48.
laws of, and laws of conical projections, v. 47.
maintaining same incidence in relation to plane of, v. 48.
orthogonal, v. 61.
of radiological images, v. 47.
shadow produced by bullet, v. 47.
X-ray report, v. 126.
X-ray skin pencil, v. 89, 157.
X-ray shields, v. 74.
importance of use of, v. 95.
and tube-holders, v. 74.
X-ray surgical table, v. 79.
X-ray table, v. 76, 78.
X-ray tube holders, v. 74.
X-ray tube stand, v. 76.
X-ray tubes, adjustment of, v. 12.
American manufacture of, v. 20.
anticathode serving also as anode in, v. 5, 6.
"break-downs" and other troubles with, methods of remedying, v. 16.
principal cause of, v. 16.
centring of, v. 49.
device for, v. 54.
effecting of, v. 52.
importance of, v. 51.
X-ray tubes, centring of, incorrect and result of, v. 58.
instruments for, of French manufacture, v. 51.
Chabaud, v. 20.
with chemical regulator, v. 16.
Coolidge, v. 20.
Crookes', v. 3.
displacement of, v. 187.
by foot levers, v. 237.
radioscopic, v. 175.
X-ray tubes, radiographic processes, v. 207 *et seq.*
with double image, v. 187.
double anticathodal, v. 245.
for localisation purposes, v. 226.
water-cooled, which can be placed under radiological table, v. 248.
electrodes of, v. 1.
"equivalent spark gap," v. 19.
fluorescence produced in, v. 13.
French manufacture of, v. 20.
gases evolved in, v. 15.
German manufacture of, v. 20.
"interior atmosphere" of, v. 15.
Jackson's, v. 4.
production of current in, v. 1, 2.
production of electrons in, v. 2.
regulation of working of, importance of, v. 15.
regulators for, v. 16 *et seq.*
air, or Bauer, v. 17.
chemical, v. 16.
Villard's osmo-regulator, v. 17
resistance of, v. 19.
shield or protective box for, v. 49.
"short circuit" in, v. 19.
sparking device for, or spintermeter, v. 19.
starting the apparatus, v. 13.
suitable for army use, v. 73.
tendency to become hard, v. 15, 16.
"Villard" valve type, v. 11.
with punctiform focus, v. 7, 8.
X-rays, action of, in proportion to distance from screen, v. 30.
and their chief properties, v. 21.
as compared with luminous rays, v. 23.
biological effects and dangers of, v. 92.
dermatitis, v. 93.
precautions against, v. 95.
X-rays, dangers of absorption of, v. 318.
dangers and injuries to tissues, v. 327.
discovery of, v. 153.
historical survey of, v. 153.
normal ray, definition of, v. 48.
oblique, use of, v. 59.
permeability of bodies to, v. 21.
aluminum, v. 26.
aluminum in relation to silver, v. 27.
in relation to atomic weight, v. 22.
in relation to state of tube, v. 23.

X-rays, permeability of bodies to silver, v. 27.
unequality of, v. 21.
production of, v. 1–3, 23.
amperage and voltage in, v. 9, 10.
high voltage source of electric energy for, v. 8.
utilisation of electric energy in, v. 9, 10.
property of, in rendering bodies fluorescent, v. 29.
punctiform source of, v. 7.

Yawning, recurrent, a hysterical phenomenon, ii. 411.
Yellow oxide of mercury, i. 603.

Zack, case of cephalic tetanus, with ophthalmoplegia with foot as seat of infection, i. 731.
Zimmern's anatomical sections, v. 250.
Zoerev, observations on vaccination against cholera, i. 451.
Zones, contaminations of Army, base and rest, i. 514, 515, 516, 698, 699.

LANE MEDICAL LIBRARY

To avoid fine, this book should be returned on
or before the date last stamped below.

M151 Keogh, Sir A.
K37 Medical and surgical
1919 therapy. Desk index.

NAME 70279	DATE DUE